- Assumptions:
- 1. The user lies "Europe" food. The features he likes are:

Atmosphere: "Excellent Decor", Style: "French", Price: "\$15-\$30", Occasion: "Catering for Special Events"

2. Weka was used and method of decision trees (J48) was employed to determine the rules.

• Results:

```
1. Atlanta: The user should go to the "0000014Le Rendez-Vous" restaurant.
=== Run information ===
Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2
Relation: city-res
Instances: 18
Attributes: 5
       restaurant
       atmosphere
       style
       price
       occasion
Test mode:evaluate on training data
=== Classifier model (full training set) ===
J48 pruned tree
atmosphere = An Historic Spot: 0000011 (0.0)
atmosphere = An Out Of The Way Find: 0000011 (0.0)
atmosphere = Authentic: 0000011 (0.0)
atmosphere = Buffet Dining: 0000011 (0.0)
atmosphere = Business Scene: 0000011 (0.0)
atmosphere = CafeGarden Dining: 0000011 (0.0)
atmosphere = Classic Hotel Dining: 0000011 (0.0)
atmosphere = Creative: 0000011 (0.0)
atmosphere = Credit cards are not accepted: 0000011 (0.0)
atmosphere = Excellent Decor: 0000014 (9.0/8.0)
atmosphere = Excellent Food: 0000011 (0.0)
atmosphere = Excellent Service: 0000011 (0.0)
atmosphere = Extraordinary Decor
| price = 15-30: 0000011 (2.0/1.0)
price = 30-50: 0000169 (3.0/2.0)
price = below 15: 0000011 (0.0)
```

```
price = over 50: 0000011 (0.0)
atmosphere = Extraordinary Food: 0000011 (0.0)
atmosphere = Extraordinary Service: 0000011 (0.0)
atmosphere = Fabulous Views: 0000011 (0.0)
atmosphere = Fabulous Wine Lists: 0000011 (0.0)
atmosphere = Fair Decor: 0000093 (2.0/1.0)
atmosphere = Fair Food: 0000011 (0.0)
atmosphere = Fair Service: 0000011 (0.0)
atmosphere = Focus on Dessert: 0000011 (0.0)
atmosphere = For the Young and Young at Heart: 0000011 (0.0)
atmosphere = Good Decor: 0000236 (2.0/1.0)
atmosphere = Good Food: 0000011 (0.0)
atmosphere = Good Out of Town Business: 0000011 (0.0)
atmosphere = Good Service: 0000011 (0.0)
atmosphere = Good for Younger Kids: 0000011 (0.0)
atmosphere = Great for People Watching: 0000011 (0.0)
atmosphere = Health Conscious Menus: 0000011 (0.0)
atmosphere = Hip Place To Be: 0000011 (0.0)
atmosphere = Little Known But Well Liked: 0000011 (0.0)
atmosphere = Near-perfect Decor: 0000011 (0.0)
atmosphere = Near-perfect Food: 0000011 (0.0)
atmosphere = Near-perfect Service: 0000011 (0.0)
atmosphere = Need To Dress: 0000011 (0.0)
atmosphere = No Liquor Served: 0000011 (0.0)
atmosphere = No Reservations: 0000011 (0.0)
atmosphere = No Smoking Allowed: 0000011 (0.0)
atmosphere = Old World Cafe Charm: 0000011 (0.0)
atmosphere = On the Beach: 0000011 (0.0)
atmosphere = ParkingValet: 0000011 (0.0)
atmosphere = People Keep Coming Back: 0000011 (0.0)
atmosphere = Place for Singles: 0000011 (0.0)
atmosphere = Poor Decor: 0000011 (0.0)
atmosphere = Pub Feel: 0000011 (0.0)
atmosphere = Quiet for Conversation: 0000011 (0.0)
atmosphere = Quirky: 0000011 (0.0)
atmosphere = Relaxed Senior Scene: 0000011 (0.0)
atmosphere = Romantic: 0000011 (0.0)
atmosphere = Singles Scene: 0000011 (0.0)
atmosphere = Tourist Appeal: 0000011 (0.0)
atmosphere = Up and Coming: 0000011 (0.0)
atmosphere = Very Busy - Reservations a Must: 0000011 (0.0)
atmosphere = Warm spots by the fire: 0000011 (0.0)
atmosphere = Wheelchair Access: 0000011 (0.0)
```

Number of Leaves: 58

Size of the tree: 60

Time taken to build model: 0 seconds

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 5 27.7778 % Incorrectly Classified Instances 13 72.2222 %

Kappa statistic0.2353Mean absolute error0.0802Root mean squared error0.2003Relative absolute error76.4706 %Root relative squared error87.4475 %

Total Number of Instances 18

=== Detailed Accuracy By Class ===

TP Rat	e FP Ra	te Prec	ision	Recall F-M	easure	ROC Area Class
1	0.059	0.5	1	0.667 0	.971 00	000011
1	0.471	0.111	1	0.2 0	.765 00	000014
0	0 0	0	0	0.765	000005	50
0	0 0	0	0	0.765	000005	52
0	0 0	0	0	0.765	000005	54
0	0 0	0	0	0.765	000006	52
0	0 0	0	0	0.765	300000	35
1	0.059	0.5	1	0.667 0	.971 00	000093
0	0 0	0	0	0.765	000012	25
0	0 0	0	0	0.971	000014	19
0	0 0	0	0	0.971	000016	53
1	0.118	0.333	1	0.5 0	.941 00	000169
0	0 0	0	0	0.765	000018	35
0	0 0	0	0	0.941	000020	00
0	0 0	0	0	0.765	000021	13
0	0 0	0	0	0.941	000023	80
1	0.059	0.5	1	0.667 0	.971 00	000236
0	0 0	0	0	0.971	000026	54
Weighted Avg.	0.278	0.042	0.1	.08 0.278	0.15	0.863

=== Confusion Matrix ===

```
0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 | h = 0000093
0100000000000000000| i = 0000125
0000001000000000000000000149
100000000000000000 | k = 0000163
0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000185
0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | o = 0000213
=== Re-evaluation on test set ===
User supplied test set
Relation: Europe-city
Instances: unknown (yet). Reading incrementally
Attributes: 5
=== Predictions on test set ===
inst#, actual, predicted, error, probability distribution
      ? 2:0000014 + 0 *0.111 0.111 0.111 0.111 0.111 0.111 0 0 0
0.111 0 0.111 0 0 0
=== Summary ===
Total Number of Instances
                       0
Ignored Class Unknown Instances
                             1
=== Detailed Accuracy By Class ===
```

	,		

ΤP	Rate	FP Rate	Precis	sion	Recall	F-Measure	ROC Area	Class
0	0	0	0	0	?	0000011		
0	0	0	0	0	?	0000014		
0	0	0	0	0	?	0000050		
0	0	0	0	0	?	0000052		
0	0	0	0	0	?	0000054		
0	0	0	0	0	?	0000062		
0	0	0	0	0	?	0000085		
0	0	0	0	0	?	0000093		
0	0	0	0	0	?	0000125		
0	0	0	0	0	?	0000149		
0	0	0	0	0	?	0000163		
0	0	0	0	0	?	0000169		
0	0	0	0	0	?	0000185		
0	0	0	0	0	?	0000200		

```
?
     0
        0
            0
                0
                   0
                          0000213
     0
        0
            0
                0
                   0
                       ?
                          0000230
                       ?
     0
        0
            0
                0
                   0
                          0000236
     0
        0
            0
                0
                   0
                       ?
                          0000264
Weighted Avg. NaN
             NaN
                  NaN
                      NaN
                           NaN
                                NaN
=== Confusion Matrix ===
abcdefghijklmnopqr <-- classified as
0000000000000000000 | b = 0000014
000000000000000000000000001 d = 0000052
00000000000000000000 | f = 0000062
00000000000000000000 | h = 0000093
00000000000000000000000000125
000000000000000000000000000149
00000000000000000000 | k = 0000163
00000000000000000000 | m = 0000185
2. Boston
  The user should go to "0000108
                      Alexander's" restaurant.
  === Run information ===
  Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2
  Relation: boston-res
  Instances: 23
  Attributes: 5
      restaurant
      atmosphere
      style
      price
      occasion
  Test mode:evaluate on training data
  === Classifier model (full training set) ===
  J48 pruned tree
```

```
atmosphere = An Historic Spot: 0000006 (0.0)
atmosphere = An Out Of The Way Find: 0000006 (0.0)
atmosphere = Authentic: 0000006 (0.0)
atmosphere = Buffet Dining: 0000006 (0.0)
atmosphere = Business Scene: 0000006 (0.0)
atmosphere = CafeGarden Dining: 0000006 (0.0)
atmosphere = Classic Hotel Dining: 0000006 (0.0)
atmosphere = Creative: 0000006 (0.0)
atmosphere = Credit cards are not accepted: 0000006 (0.0)
atmosphere = Excellent Decor: 0000108 (2.0/1.0)
atmosphere = Excellent Food: 0000006 (0.0)
atmosphere = Excellent Service: 0000006 (0.0)
atmosphere = Extraordinary Decor: 0000143 (2.0/1.0)
atmosphere = Extraordinary Food: 0000006 (0.0)
atmosphere = Extraordinary Service: 0000006 (0.0)
atmosphere = Fabulous Views: 0000006 (0.0)
atmosphere = Fabulous Wine Lists: 0000006 (0.0)
atmosphere = Fair Decor: 0000313 (2.0/1.0)
atmosphere = Fair Food: 0000006 (0.0)
atmosphere = Fair Service: 0000006 (0.0)
atmosphere = Focus on Dessert: 0000006 (0.0)
atmosphere = For the Young and Young at Heart: 0000006 (0.0)
atmosphere = Good Decor
price = 15-30: 0000009 (11.0/10.0)
| price = 30-50: 0000006 (0.0)
price = below 15: 0000006 (5.0/4.0)
| price = over 50: 0000006 (0.0)
atmosphere = Good Food: 0000006 (0.0)
atmosphere = Good Out of Town Business: 0000006 (0.0)
atmosphere = Good Service: 0000006 (0.0)
atmosphere = Good for Younger Kids: 0000006 (0.0)
atmosphere = Great for People Watching: 0000006 (0.0)
atmosphere = Health Conscious Menus: 0000006 (0.0)
atmosphere = Hip Place To Be: 0000006 (0.0)
atmosphere = Little Known But Well Liked: 0000006 (0.0)
atmosphere = Near-perfect Decor: 0000006 (0.0)
atmosphere = Near-perfect Food: 0000006 (0.0)
atmosphere = Near-perfect Service: 0000006 (0.0)
atmosphere = Need To Dress: 0000006 (0.0)
atmosphere = No Liquor Served: 0000006 (0.0)
atmosphere = No Reservations: 0000006 (0.0)
atmosphere = No Smoking Allowed: 0000006 (0.0)
atmosphere = Old World Cafe Charm: 0000006 (0.0)
atmosphere = On the Beach: 0000006 (0.0)
atmosphere = ParkingValet: 0000006 (0.0)
atmosphere = People Keep Coming Back: 0000006 (0.0)
atmosphere = Place for Singles: 0000006 (0.0)
atmosphere = Poor Decor: 0000208 (1.0)
```

atmosphere = Pub Feel: 0000006 (0.0)

atmosphere = Quiet for Conversation: 0000006 (0.0)

atmosphere = Quirky: 0000006 (0.0)

atmosphere = Relaxed Senior Scene: 0000006 (0.0)

atmosphere = Romantic: 0000006 (0.0) atmosphere = Singles Scene: 0000006 (0.0) atmosphere = Tourist Appeal: 0000006 (0.0) atmosphere = Up and Coming: 0000006 (0.0)

atmosphere = Very Busy - Reservations a Must: 0000006 (0.0)

atmosphere = Warm spots by the fire: 0000006 (0.0) atmosphere = Wheelchair Access: 0000006 (0.0)

Number of Leaves: 58

Size of the tree: 60

Time taken to build model: 0.01 seconds

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 6 26.087 % Incorrectly Classified Instances 17 73.913 %

Kappa statistic 0.2273

Mean absolute error 0.0643

Root mean squared error 0.1793

Relative absolute error 77.2727 %

Root relative squared error 87.9049 %

Total Number of Instances 23

=== Detailed Accuracy By Class ===

TP Rat	e FPR	late F	rec	ision	Recall F-Measure ROC Area Class
1	0.182	0.2		1	0.333 0.909 0000006
1	0.455	0.0	91	1	0.167 0.773 0000009
0	0	0	0	0	0.773 0000054
0	0	0	0	0	0.773 0000056
0	0	0	0	0	0.909 0000101
1	0.045	0.5		1	0.667 0.977 0000108
0	0	0	0	0	0.773 0000114
1	0.045	0.5		1	0.667 0.977 0000143
0	0	0	0	0	0.773 0000146
0	0	0	0	0	0.977 0000198
0	0	0	0	0	0.773 0000206
1	0	1	1	1	1 0000208
0	0	0	0	0	0.773 0000211
0	0	0	0	0	0.773 0000224

0	0	0	0		0	0.909	0000309)
1	0.045	(0.5	1		0.667 0.	977 000	0313
0	0	0	0		0	0.977	0000321	-
0	0	0	0		0	0.909	0000353	3
0	0	0	0		0	0.773	0000356	•
0	0	0	0		0	0.773	0000370)
0	0	0	0		0	0.773	0000409)
0	0	0	0		0	0.977	0000417	,
0	0	0	0		0	0.909	0000432	2
Weighted Avg.	0.261	L	0.034	(0.12	21 0.261	0.152	0.866

weighted Avg. 0.201 0.034 0.121 0.201 0.152 0.800

=== Confusion Matrix ===

abcdefghijklmnopqrstuvw <-- classified as 10000000000000000000000000000000000006 000001000000000000000000 | f = 0000108 00000001000000000000000 | h = 0000143 $0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 1\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ |\ |\ |=0000208$ 0100000000000000000000000 | m = 0000211

=== Re-evaluation on test set ===

User supplied test set Relation: boston-res

Instances: unknown (yet). Reading incrementally

Attributes: 5

=== Predictions on test set ===

```
inst#, actual, predicted, error, probability distribution
         ? 6:0000108
                        + 0
                               0
                                   0
                                       0
                                           0
                                                *0.5 0
                                                          0
                                                              0
                                                                   0
                                                                       0
                                                                            0
                                                                                0
                                                                                    0
  1
    0
            0
                 0
                    0
                          0
                              0.5 0
0
        0
=== Summary ===
Total Number of Instances
                                 0
Ignored Class Unknown Instances
                                         1
=== Detailed Accuracy By Class ===
        TP Rate FP Rate Precision Recall F-Measure ROC Area Class
        0
               0
                     0
                           0
                                 0
                                       ?
                                             0000006
        0
               0
                     0
                           0
                                 0
                                       ?
                                             0000009
                                       ?
        0
               0
                     0
                           0
                                 0
                                             0000054
        0
               0
                     0
                                 0
                                       ?
                           0
                                             0000056
                                       ?
         0
               0
                     0
                           0
                                 0
                                             0000101
                                       ?
         0
               0
                                 0
                     0
                           0
                                             0000108
                                       ?
         0
               0
                     0
                           0
                                 0
                                             0000114
                                       ?
         0
               0
                     0
                           0
                                 0
                                             0000143
                                 0
                                       ?
         0
               0
                     0
                           0
                                             0000146
                                       ?
         0
               0
                     0
                           0
                                 0
                                             0000198
                                       ?
         0
               0
                     0
                           0
                                 0
                                             0000206
        0
               0
                     0
                           0
                                 0
                                       ?
                                             0000208
                                       ?
        0
               0
                     0
                           0
                                 0
                                             0000211
         0
               0
                     0
                           0
                                 0
                                       ?
                                             0000224
                                       ?
         0
               0
                     0
                           0
                                 0
                                             0000309
                                       ?
                                 0
                                             0000313
         0
               0
                     0
                           0
                                       ?
         0
               0
                     0
                           0
                                 0
                                             0000321
                                       ?
         0
               0
                     0
                           0
                                 0
                                             0000353
         0
               0
                     0
                           0
                                 0
                                       ?
                                             0000356
```

?

?

?

?

Weighted Avg. NaN NaN NaN NaN NaN NaN

=== Confusion Matrix ===

```
00000000000000000000000000000000001i=0000146
  3. Chicago:
 The user should go to "0000534"
                    Convito Italiano" restaurant.
 === Run information ===
  Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2
  Relation: city-res
  Instances: 231
  Attributes: 5
      restaurant
      atmosphere
      style
      price
      occasion
 Test mode:evaluate on training data
 === Classifier model (full training set) ===
 J48 pruned tree
  _____
  atmosphere = An Historic Spot: 0000001 (0.0)
  atmosphere = An Out Of The Way Find: 0000001 (0.0)
  atmosphere = Authentic: 0000001 (0.0)
  atmosphere = Buffet Dining: 0000001 (0.0)
  atmosphere = Business Scene: 0000001 (0.0)
  atmosphere = CafeGarden Dining: 0000001 (0.0)
  atmosphere = Classic Hotel Dining: 0000001 (0.0)
  atmosphere = Creative: 0000001 (0.0)
  atmosphere = Credit cards are not accepted: 0000001 (0.0)
  atmosphere = Excellent Decor
  | occasion = Game: 0000011 (0.0)
  occasion = After Hours Dining: 0000011 (0.0)
```

```
occasion = Catering for Special Events: 0000534 (1.06/0.06)
occasion = Dancing: 0000011 (0.0)
occasion = Delivery Available: 0000011 (0.0)
occasion = Dining After the Theater: 0000011 (0.0)
occasion = Dining Outdoors: 0000046 (11.65/10.65)
occasion = Early Dining: 0000011 (0.0)
occasion = Entertainment: 0000125 (4.24/3.24)
occasion = Fine for Dining Alone: 0000011 (0.0)
occasion = Great Place to Meet for a Drink: 0000011 (0.0)
occasion = Happy Hour: 0000011 (0.0)
occasion = Late Night Menu: 0000011 (0.0)
occasion = Long Drive: 0000072 (2.12/1.12)
occasion = Margaritas: 0000011 (0.0)
  occasion = Menus in Braille: 0000011 (0.0)
occasion = Open for Breakfast: 0000011 (0.0)
occasion = Open on Mondays: 0000011 (0.0)
occasion = Open on Sundays: 0000011 (0.0)
occasion = Other Quick Food: 0000011 (0.0)
occasion = Parties and Occasions: 0000011 (0.0)
occasion = Picnics: 0000011 (0.0)
occasion = Pre-theater Dining: 0000011 (0.0)
occasion = Private Parties: 0000011 (0.0)
occasion = Private Rooms Available: 0000014 (22.25/21.25)
occasion = Prix Fixe Menus: 0000127 (3.18/2.18)
occasion = See the Game: 0000011 (0.0)
occasion = Short Drive: 0000083 (1.06/0.06)
occasion = Special Brunch Menu: 0000011 (0.0)
occasion = Takeout Available: 0000011 (0.0)
occasion = Walk: 0000011 (0.0)
occasion = Weekend Brunch: 0000011 (43.44/42.44)
occasion = Weekend Dining: 0000011 (0.0)
occasion = Weekend Jazz Brunch: 0000011 (0.0)
occasion = Weekend Lunch: 0000011 (0.0)
atmosphere = Excellent Food: 0000001 (0.0)
atmosphere = Excellent Service: 0000001 (0.0)
atmosphere = Extraordinary Decor
occasion = Game: 0000001 (0.0)
occasion = After Hours Dining: 0000001 (0.0)
occasion = Catering for Special Events: 0000001 (0.0)
occasion = Dancing: 0000001 (0.0)
occasion = Delivery Available: 0000001 (0.0)
occasion = Dining After the Theater: 0000001 (0.0)
occasion = Dining Outdoors
| | price = 15-30: 0000299 (2.17/1.17)
| | price = 30-50: 0000223 (3.17/2.17)
| | price = below 15: 0000223 (0.0)
| | price = over 50: 0000223 (0.0)
occasion = Early Dining: 0000001 (0.0)
```

```
occasion = Entertainment: 0000169 (2.13/1.13)
  occasion = Fine for Dining Alone: 0000001 (0.0)
  occasion = Great Place to Meet for a Drink: 0000001 (0.0)
occasion = Happy Hour: 0000001 (0.0)
occasion = Late Night Menu: 0000001 (0.0)
occasion = Long Drive: 0000123 (2.13/1.13)
occasion = Margaritas: 0000001 (0.0)
occasion = Menus in Braille: 0000001 (0.0)
occasion = Open for Breakfast: 0000001 (0.0)
 occasion = Open on Mondays: 0000001 (0.0)
occasion = Open on Sundays: 0000001 (0.0)
 occasion = Other Quick Food: 0000001 (0.0)
occasion = Parties and Occasions: 0000001 (0.0)
  occasion = Picnics: 0000001 (0.0)
occasion = Pre-theater Dining: 0000001 (0.0)
occasion = Private Parties: 0000001 (0.0)
occasion = Private Rooms Available
| | price = 15-30: 0000001 (6.37/5.37)
| | price = 30-50: 0000242 (5.37/4.37)
| | price = below 15: 0000001 (0.0)
| | price = over 50: 0000001 (0.0)
occasion = Prix Fixe Menus: 0000001 (0.0)
occasion = See the Game: 0000001 (0.0)
occasion = Short Drive: 0000001 (0.0)
occasion = Special Brunch Menu: 0000001 (0.0)
occasion = Takeout Available: 0000001 (0.0)
occasion = Walk
| | price = 15-30: 0000047 (2.17/1.17)
| | price = 30-50: 0000283 (3.17/2.17)
| | price = below 15: 0000047 (0.0)
| | price = over 50: 0000047 (0.0)
occasion = Weekend Brunch: 0000189 (5.33/4.33)
occasion = Weekend Dining: 0000001 (0.0)
occasion = Weekend Jazz Brunch: 0000001 (0.0)
occasion = Weekend Lunch: 0000001 (0.0)
atmosphere = Extraordinary Food: 0000001 (0.0)
atmosphere = Extraordinary Service: 0000001 (0.0)
atmosphere = Fabulous Views: 0000001 (0.0)
atmosphere = Fabulous Wine Lists: 0000001 (0.0)
atmosphere = Fair Decor
occasion = Game: 0000012 (0.0)
occasion = After Hours Dining: 0000012 (0.0)
occasion = Catering for Special Events: 0000480 (1.0)
occasion = Dancing: 0000012 (0.0)
occasion = Delivery Available: 0000012 (0.0)
occasion = Dining After the Theater: 0000012 (0.0)
occasion = Dining Outdoors: 0000012 (0.0)
occasion = Early Dining: 0000012 (0.0)
```

```
occasion = Entertainment: 0000012 (0.0)
  occasion = Fine for Dining Alone: 0000012 (0.0)
  occasion = Great Place to Meet for a Drink: 0000012 (0.0)
occasion = Happy Hour: 0000012 (0.0)
occasion = Late Night Menu: 0000012 (0.0)
occasion = Long Drive: 0000424 (1.0)
occasion = Margaritas: 0000012 (0.0)
occasion = Menus in Braille: 0000012 (0.0)
occasion = Open for Breakfast: 0000583 (1.0)
  occasion = Open on Mondays: 0000012 (0.0)
occasion = Open on Sundays: 0000012 (0.0)
  occasion = Other Quick Food: 0000012 (0.0)
occasion = Parties and Occasions: 0000012 (0.0)
  occasion = Picnics: 0000012 (0.0)
occasion = Pre-theater Dining: 0000012 (0.0)
occasion = Private Parties: 0000012 (0.0)
occasion = Private Rooms Available: 0000012 (0.0)
occasion = Prix Fixe Menus: 0000012 (0.0)
occasion = See the Game: 0000012 (0.0)
occasion = Short Drive: 0000012 (0.0)
 occasion = Special Brunch Menu: 0000012 (0.0)
occasion = Takeout Available: 0000131 (4.0/3.0)
occasion = Walk: 0000012 (0.0)
occasion = Weekend Brunch: 0000012 (7.0/6.0)
occasion = Weekend Dining: 0000012 (0.0)
occasion = Weekend Jazz Brunch: 0000012 (0.0)
occasion = Weekend Lunch: 0000012 (0.0)
atmosphere = Fair Food: 0000001 (0.0)
atmosphere = Fair Service: 0000001 (0.0)
atmosphere = Focus on Dessert: 0000001 (0.0)
atmosphere = For the Young and Young at Heart: 0000001 (0.0)
atmosphere = Good Decor
occasion = Game: 0000006 (0.0)
occasion = After Hours Dining: 0000006 (0.0)
occasion = Catering for Special Events: 0000006 (0.0)
occasion = Dancing: 0000006 (0.0)
occasion = Delivery Available: 0000006 (0.0)
occasion = Dining After the Theater: 0000006 (0.0)
occasion = Dining Outdoors: 0000233 (7.66/6.66)
occasion = Early Dining: 0000006 (0.0)
occasion = Entertainment: 0000037 (7.66/6.66)
occasion = Fine for Dining Alone: 0000006 (0.0)
 occasion = Great Place to Meet for a Drink: 0000006 (0.0)
occasion = Happy Hour: 0000006 (0.0)
occasion = Late Night Menu: 0000020 (3.28/2.28)
occasion = Long Drive: 0000039 (8.75/7.75)
occasion = Margaritas: 0000006 (0.0)
occasion = Menus in Braille: 0000006 (0.0)
```

```
occasion = Open for Breakfast: 0000006 (0.0)
occasion = Open on Mondays: 0000006 (0.0)
occasion = Open on Sundays: 0000006 (0.0)
occasion = Other Quick Food: 0000006 (0.0)
occasion = Parties and Occasions: 0000006 (0.0)
occasion = Picnics: 0000006 (0.0)
occasion = Pre-theater Dining: 0000006 (0.0)
occasion = Private Parties: 0000006 (0.0)
occasion = Private Rooms Available
  price = 15-30: 0000134 (12.32/11.32)
| | price = 30-50: 0000134 (0.0)
| | price = below 15: 0000315 (3.0/2.0)
| | price = over 50: 0000134 (0.0)
occasion = Prix Fixe Menus: 0000006 (0.0)
occasion = See the Game: 0000006 (0.0)
occasion = Short Drive: 0000006 (9.85/8.85)
occasion = Special Brunch Menu: 0000006 (0.0)
occasion = Takeout Available: 0000452 (2.19/1.19)
occasion = Walk: 0000006 (0.0)
occasion = Weekend Brunch
| | price = 15-30: 0000018 (33.29/32.29)
| | price = 30-50: 0000018 (0.0)
| | price = below 15: 0000095 (5.0/4.0)
| | price = over 50: 0000018 (0.0)
occasion = Weekend Dining: 0000006 (0.0)
occasion = Weekend Jazz Brunch: 0000006 (0.0)
occasion = Weekend Lunch: 0000006 (0.0)
atmosphere = Good Food: 0000001 (0.0)
atmosphere = Good Out of Town Business: 0000001 (0.0)
atmosphere = Good Service: 0000001 (0.0)
atmosphere = Good for Younger Kids: 0000001 (0.0)
atmosphere = Great for People Watching: 0000001 (0.0)
atmosphere = Health Conscious Menus: 0000001 (0.0)
atmosphere = Hip Place To Be: 0000001 (0.0)
atmosphere = Little Known But Well Liked: 0000001 (0.0)
atmosphere = Near-perfect Decor: 0000260 (3.0/2.0)
atmosphere = Near-perfect Food: 0000001 (0.0)
atmosphere = Near-perfect Service: 0000001 (0.0)
atmosphere = Need To Dress: 0000001 (0.0)
atmosphere = No Liquor Served: 0000001 (0.0)
atmosphere = No Reservations: 0000001 (0.0)
atmosphere = No Smoking Allowed: 0000001 (0.0)
atmosphere = Old World Cafe Charm: 0000001 (0.0)
atmosphere = On the Beach: 0000001 (0.0)
atmosphere = ParkingValet: 0000001 (0.0)
atmosphere = People Keep Coming Back: 0000001 (0.0)
atmosphere = Place for Singles: 0000001 (0.0)
atmosphere = Poor Decor: 0000001 (0.0)
```

atmosphere = Pub Feel: 0000001 (0.0)

atmosphere = Quiet for Conversation: 0000001 (0.0)

atmosphere = Quirky: 0000001 (0.0)

atmosphere = Relaxed Senior Scene: 0000001 (0.0)

atmosphere = Romantic: 0000001 (0.0) atmosphere = Singles Scene: 0000001 (0.0) atmosphere = Tourist Appeal: 0000001 (0.0) atmosphere = Up and Coming: 0000001 (0.0)

atmosphere = Very Busy - Reservations a Must: 0000001 (0.0)

atmosphere = Warm spots by the fire: 0000001 (0.0) atmosphere = Wheelchair Access: 0000001 (0.0)

Number of Leaves: 206

Size of the tree: 216

Time taken to build model: 0.02 seconds

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 33 14.2857 % Incorrectly Classified Instances 198 85.7143 %

Kappa statistic 0.1391

Mean absolute error 0.0075

Root mean squared error 0.0609

Relative absolute error 86.7326 %

Root relative squared error 92.8083 %

Total Number of Instances 231

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure ROC Area Class

1	0.022 0).167 1	0.286 0.989 0000001
1	0.035 0	.111 1	0.2 0.983 0000006
1	0.196 0	0.022 1	0.043 0.913 0000011
1	0.026 0).143 1	0.25 0.987 0000012
1	0.087 0	0.048 1	0.091 0.957 0000014
1	0.126 0	0.033 1	0.065 0.937 0000018
1	0.009 0	.333 1	0.5 0.996 0000020
0	0 0	0 0	0.957 0000029
0	0 0	0 0	0.913 0000034
1	0.026 0	0.143 1	0.25 0.987 0000037
1	0.03 0.	.125 1	0.222 0.985 0000039
0	0 0	0 0	0.957 0000040
1	0.043 0	0.091 1	0.167 0.978 0000046
1	0.009 0	0.333 1	0.5 0.998 0000047

```
0
                             0.937 0000048
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.978 0000056
0
     0
           0
                 0
                       0
                             0.989 0000057
0
     0
           0
                 0
                       0
                             0.957 0000058
0
                       0
                             0.987 0000067
     0
            0
                 0
1
     0.004
             0.5
                    1
                         0.667
                                 0.998 0000072
0
           0
                             0.983 0000081
     0
                 0
                       0
0
                             0.987 0000082
     0
           0
                       0
                 0
1
     0
                                  0000083
            1
                 1
                       1
                             1
0
     0
                       0
                             0.983 0000084
            0
                 0
0
     0
            0
                 0
                       0
                             0.937 0000088
0
     0
                       0
                             0.807 0000091
            0
                 0
1
     0.017
             0.2
                    1
                         0.333
                                 0.991 0000095
0
     0
           0
                       0
                             0.913 0000096
                 0
0
     0
                             0.983 0000098
           0
                 0
                       0
                             0.991 0000102
0
     0
            0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.913 0000103
0
     0
           0
                 0
                       0
                             0.998 0000108
0
     0
                       0
                             0.937 0000115
           0
                 0
                                 0.998 0000123
1
     0.004
             0.5
                    1
                          0.667
             0.25
                                 0.993 0000125
1
     0.013
                     1
                          0.4
1
     0.009
             0.333
                     1
                           0.5
                                 0.996 0000127
1
     0.013
             0.25
                     1
                          0.4
                                 0.993 0000131
1
     0.078
             0.053
                     1
                           0.1
                                  0.978 0000134
0
     0
           0
                 0
                       0
                             0.983 0000136
0
     0
           0
                       0
                             0.957 0000137
                 0
                             0.996 0000142
0
     0
            0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.983 0000147
0
     0
            0
                 0
                       0
                             0.978 0000148
0
     0
           0
                 0
                       0
                             0.913 0000151
0
     0
                       0
            0
                 0
                             0.913 0000155
0
            0
                 0
                       0
                             0.913 0000160
     0
1
     0.004
             0.5
                    1
                         0.667
                                  0.998 0000169
            0
                             0.937 0000170
0
     0
                 0
                       0
0
     0
           0
                       0
                             0.937 0000171
                 0
0
     0
                             0.952 0000172
            0
                 0
                       0
0
                             0.902 0000178
     0
            0
                 0
                       0
0
     0
            0
                 0
                       0
                             0.937 0000181
0
     0
            0
                 0
                       0
                             0.983 0000182
0
     0
            0
                 0
                       0
                             0.987 0000184
0
     0
            0
                 0
                       0
                             0.957 0000186
1
             0.2
                    1
                          0.333
                                 0.991 0000189
     0.017
0
            0
                       0
                             0.913 0000190
     0
                 0
                             0.913 0000193
0
     0
            0
                 0
                       0
0
     0
            0
                 0
                       0
                             0.913 0000196
0
     0
                       0
                             0.993 0000206
           0
                 0
0
     0
            0
                 0
                       0
                             0.913 0000209
0
     0
            0
                 0
                       0
                             0.902 0000211
```

```
0.957 0000213
0
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.913 0000215
0
     0
           0
                 0
                       0
                             0.987 0000217
0
     0
           0
                 0
                       0
                             0.978 0000221
                       0
                             0.978 0000222
0
     0
            0
                 0
1
     0.009
             0.333
                     1
                           0.5
                                  0.996 0000223
0
                             0.993 0000228
     0
           0
                 0
                       0
0
                             0.913 0000229
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.991 0000230
0
                 0
                       0
                             0.913 0000232
     0
            0
1
     0.026
             0.143
                           0.25
                                  0.987 0000233
0
           0
                 0
                       0
                             0.991 0000234
     0
0
     0
           0
                 0
                       0
                             0.807 0000236
0
     0
            0
                 0
                       0
                             0.957 0000239
0
                       0
                             0.937 0000240
     0
            0
                 0
                           0.286
                                   0.991 0000242
1
     0.022
             0.167
                     1
0
                             0.985 0000243
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.989 0000244
0
                             0.957 0000245
     0
           0
                 0
                       0
0
     0
            0
                 0
                       0
                             0.991 0000246
0
                             0.913 0000249
     0
            0
                 0
                       0
0
     0
            0
                 0
                       0
                             0.996 0000252
0
     0
           0
                 0
                       0
                             0.985 0000257
0
     0
            0
                 0
                       0
                             0.978 0000259
1
     0.009
             0.333
                     1
                           0.5
                                  0.996 0000260
0
     0
                             0.978 0000262
           0
                 0
                       0
                             0.937 0000266
0
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.978 0000271
0
     0
            0
                 0
                       0
                             0.983 0000272
0
     0
           0
                 0
                       0
                             0.913 0000273
0
                             0.957 0000277
     0
            0
                 0
                       0
1
     0.009
             0.333
                           0.5
                                 0.996 0000283
                     1
0
     0
            0
                 0
                       0
                             0.991 0000289
                             0.978 0000294
0
     0
            0
                 0
                       0
0
     0
            0
                 0
                       0
                             0.807 0000295
0
                       0
                             0.913 0000296
     0
            0
                 0
             0.5
                                 0.998 0000299
1
     0.004
                    1
                          0.667
0
     0
            0
                 0
                       0
                             0.978 0000302
0
     0
           0
                 0
                       0
                             0.937 0000306
0
     0
            0
                 0
                       0
                             0.957 0000308
0
     0
           0
                 0
                       0
                             0.913 0000309
0
                       0
                             0.987 0000314
     0
            0
                 0
1
     0.009
             0.333
                     1
                           0.5
                                 0.996 0000315
0
     0
            0
                 0
                       0
                             0.913 0000320
0
     0
           0
                 0
                       0
                             0.937 0000326
0
     0
                             0.913 0000327
           0
                 0
                       0
0
     0
            0
                 0
                       0
                             0.987 0000329
0
     0
            0
                 0
                       0
                             0.957 0000332
```

0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0.993 0.996 0.913	0000333 0000334 0000337
0	0	0	0	0	0.913	0000342
0	0	0	0	0	0.957	0000349
0	0	0	0	0	0.991	0000353
0	0	0	0	0	0.913	0000355
0	0	0	0	0	0.996	0000356
0	0	0	0	0	0.998	0000357
0	0	0	0	0	0.987	0000359
0	0	0	0	0	0.913	0000362
0	0	0	0	0	0.937	0000363
0	0	0	0	0	0.957	0000364
0	0	0	0	0	0.993	0000365
0	0	0	0	0	0.989	0000368
0	0	0	0	0	0.987	0000373
0	0	0	0	0	0.937	0000374
0	0	0	0	0	0.987	0000380
0	0	0	0	0	0.991	0000383
0	0	0	0	0	0.807	0000384
0	0	0	0	0	0.991	0000387
0	0	0	0	0	0.937	0000389
0	0	0	0	0	0.957	0000392
0	0	0	0	0	0.913	0000393
0	0	0	0	0	0.996	0000397
0	0	0	0	0	0.913	0000399
0	0	0	0	0	0.902	0000402
0	0	0	0	0	0.985	0000403
0	0	0	0	0	0.902	0000406
0	0	0	0	0	0.993	0000408
0	0	0	0	0	0.913	0000416
0	0	0	0	0	0.913	0000419
1	0	1	1	1		0000424
0	0	0	0	0	0.996	0000426
0	0	0	0	0	0.978	0000432
0	0	0	0	0	0.913	0000433
0	0	0	0	0	0.937	0000436
0	0 0	0 0	0	0	0.987	0000439 0000440
0		0	0	0	0.985	0000440
0	0 0		0	0	0.991	
0	0	0 0	0	0	0.978 0.913	0000450 0000451
0 1	0.00		0 5 1			.998 0000452
0	0.00		0	0	0.957	.996 0000452 0000453
	0	0		0		0000453
0	0	0	0		0.978 0.978	0000454
0	0	0 0	0 0	0	0.978	0000457
0	0	0	0	0	0.913	0000459
U	U	U	U	U	0.770	0000400

0	0	0	0	0	0.989	0000463
0	0	0	0	0	0.998	0000466
0	0	0	0	0	0.985	0000470
0	0	0	0	0	0.937	0000472
0	0	0	0	0	0.987	0000474
0	0	0	0	0	0.987	0000477
0	0	0	0	0	0.937	0000479
1	0	1	1	1	1 0	000480
0	0	0	0	0	0.913	0000484
0	0	0	0	0	0.937	0000487
0	0	0	0	0	0.957	0000488
0	0	0	0	0	0.937	0000492
0	0	0	0	0	0.937	0000498
0	0	0	0	0	0.807	0000499
0	0	0	0	0	0.998	0000501
0	0	0	0	0	0.913	0000506
0	0	0	0	0	0.987	0000510
0	0	0	0	0	0.987	0000511
0	0	0	0	0	0.913	0000511
0	0	0	0	0	0.715	0000515
0	0	0	0	0	0.703	0000513
0	0	0	0	0	0.987	0000520
1	0	1	1	1		0000531
0	0	0	0	0	0.913	0000535
0	0	0	0	0	0.913	0000535
0			_		0.913	0000539
	0	0	0	0		0000548
0	0	0	0	0	0.957	
0	0	0	0	0	0.913	0000551
0	0	0	0	0	0.913	0000552
0	0	0	0	0	0.996	0000556
0	0	0	0	0	0.983	0000557
0	0	0	0	0	0.996	0000564
0	0	0	0	0	0.998	0000565
0	0	0	0	0	0.913	0000566
0	0	0	0	0	0.987	0000573
0	0	0	0	0	0.913	0000575
0	0	0	0	0	0.991	0000576
0	0	0	0	0	0.987	0000578
1	0	1	1	1		000583
0	0	0	0	0	0.978	0000585
0	0	0	0	0	0.996	0000586
0	0	0	0	0	0.937	0000587
0	0	0	0	0	0.937	0000591
0	0	0	0	0	0.957	0000595
0	0	0	0	0	0.957	0000597
0	0	0	0	0	0.807	0000600
0	0	0	0	0	0.996	0000603
0	0	0	0	0	0.902	0000604

0	0	0	0	0	0.985	0000605	
0	0	0	0	0	0.993	8060000	
0	0	0	0	0	0.937	0000609	
0	0	0	0	0	0.978	0000612	
0	0	0	0	0	0.989	0000615	
0	0	0	0	0	0.913	0000618	
0	0	0	0	0	0.978	0000621	
0	0	0	0	0	0.937	0000625	
0	0	0	0	0	0.807	0000628	
0	0	0	0	0	0.996	0000629	
0	0	0	0	0	0.937	0000631	
0	0	0	0	0	0.978	0000634	
0	0	0	0	0	0.991	0000636	
0	0	0	0	0	0.937	0000637	
0	0	0	0	0	0.978	0000639	
0	0	0	0	0	0.937	0000641	
0	0	0	0	0	0.978	0000642	
0	0	0	0	0	0.937	0000658	
0	0	0	0	0	0.991	0000659	
0	0	0	0	0	0.937	0000663	
0	0	0	0	0	0.987	0000666	
0	0	0	0	0	0.957	0000667	
0	0	0	0	0	0.996	0000669	
0	0	0	0	0	0.978	0000673	
0	0	0	0	0	0.807	0000675	
ονΔ h	0.1	43	0.004	0.052	0.143	0.067	Λ

Weighted Avg. 0.143 0.004 0.052 0.143 0.067 0.957

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at au av aw ax ay az ba bb bc bd be bf bg bh bi bj bk bl bm bn bo bp bq br bs bt bu bv bw bx by bz ca cb cc cd ce cf cg ch ci cj ck cl cm cn co cp cq cr cs ct cu cv cw cx cy cz da db dc dd de df dg dh di dj dk dl dm dn do dp dq dr ds dt du dv dw dx dy dz ea eb ec ed ee ef eg eh ei ej ek el em en eo ep eq er es et eu ev ew ex ey ez fa fb fc fd fe ff fg fh fi fj fk fl fm fn fo fp fq fr fs ft fu fv fw fx fy fz ga gb gc gd ge gf gg gh gi gj gk gl gm gn go gp gq gr gs gt gu gv gw gx gy gz ha hb hc hd he hf hg hh hi hj hk hl hm hn ho hp hq hr hs ht hu hv hw <-- classified as

$0 \; 0 \; 1 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; $
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000551
$0 \; 0 \; 1 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; $
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000552
$ \begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000556
$0 \; 1 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; $
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000557
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 1 \ 0 \ 0 \ $
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000564
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000565
0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000

```
0000585
0000586
0000587
0000591
0000595
0000597
```

TP Rate FP Rate Precision Recall F-Measure ROC Area Class

?

?

=== Detailed Accuracy By Class ===

0	0	0	0	0	?	0000011
0	0	0	0		: ?	
0	0	0	0	0		0000012
0	0	0	0	0	?	0000014
0	0	0	0	0	?	0000018
0	0	0	0	0	?	0000020
0	0	0	0	0	?	0000029
0	0	0	0	0	?	0000034
0	0	0	0	0	?	0000037
0	0	0	0	0	?	0000039
0	0	0	0	0	?	0000040
0	0	0	0	0	?	0000046
0	0	0	0	0	?	0000047
0	0	0	0	0	?	0000048
0	0	0	0	0	?	0000056
0	0	0	0	0	?	0000057
0	0	0	0	0	?	0000058
0	0	0	0	0	?	0000067
0	0	0	0	0	?	0000072
0	0	0	0	0	?	0000081
0	0	0	0	0	?	0000082
0	0	0	0	0	?	0000083
0	0	0	0	0	?	0000084
0	0	0	0	0	?	0000088
0	0	0	0	0	?	0000091
0	0	0	0	0	?	0000095
0	0	0	0	0	?	0000096
0	0	0	0	0	?	0000098
0	0	0	0	0	?	0000102
0	0	0	0	0	?	0000103
0	0	0	0	0	?	0000108
0	0	0	0	0	?	0000115
0	0	0	0	0	?	0000123
0	0	0	0	0	?	0000125
0	0	0	0	0	?	0000127
0	0	0	0	0	?	0000127
0	0	0	0	0	?	0000131
0	0	0	0	0	?	0000134
0	0	0	0	0		0000130
0	0	0	0	0	;	0000137
0	0	0	0	0	. 2	0000142
0	0	0	0	0	:	0000147
					:	0000146
0	0	0	0	0	:	
0	0	0	0	0	:	0000155
0	0	0	0	0	:	0000160
0	0	0	0	0	? ? ? ? ? ? ? ?	0000169
0	0	0	0	0	?	0000170
0	0	0	0	0		0000171
0	0	0	0	0	?	0000172

_	0	•	•	•	2	0000470
0	0	0	0	0	?	0000178
0	0	0	0	0	?	0000181
0	0	0	0	0	?	0000182
0	0	0	0	0	?	0000184
0	0	0	0	0	?	0000186
0	0	0	0	0	?	0000189
0	0	0	0	0	?	0000190
0	0	0	0	0	?	0000193
0	0	0	0	0	?	0000196
0	0	0	0	0	?	0000206
0	0	0	0	0	?	0000209
0	0	0	0	0	?	0000211
0	0	0	0	0	?	0000213
0	0	0	0	0	?	0000215
0	0	0	0	0	?	0000217
0	0	0	0	0	?	0000221
0	0	0	0	0	?	0000222
0	0	0	0	0	?	0000223
0	0	0	0	0	?	0000228
0	0	0	0	0	?	0000229
0	0	0	0	0	?	0000230
0	0	0	0	0	?	0000232
0	0	0	0	0	?	0000232
0	0	0	0	0	?	0000233
0	0	0	0	0	· ?	0000234
0	0	0	0	0	?	0000239
0	0	0	0	0	· ?	0000237
0	0	0	0	0	?	0000240
0	0	0	0	0	: ?	0000242
0		0			: ?	0000243
	0	0	0	0	: ?	
0	0		0	0		0000245
0	0	0	0	0	? ?	0000246
0	0	0	0	0		0000249
0	0	0	0	0	?	0000252
0	0	0	0	0	?	0000257
0	0	0	0	0	?	0000259
0	0	0	0	0	?	0000260
0	0	0	0	0	?	0000262
0	0	0	0	0	?	0000266
0	0	0	0	0	?	0000271
0	0	0	0	0	?	0000272
0	0	0	0	0	?	0000273
0	0	0	0	0	?	0000277
0	0	0	0	0	?	0000283
0	0	0	0	0	? ? ? ? ? ?	0000289
0	0	0	0	0	?	0000294
0	0	0	0	0	?	0000295
0	0	0	0	0	?	0000296

0	0	0	0	0	?	0000299
0	0	0	0	0	· ?	0000277
0	0	0	0	0	?	0000306
0	0	0	0	0	?	0000308
0	0	0	0	0	?	0000309
0	0	0	0	0	?	0000307
0	0	0	0	0	· ?	0000314
0	0	0	0	0	?	0000313
0	0	0	0	0	?	0000326
0	0	0	0	0	· ?	0000320
0	0	0	0	0	· ?	0000327
0	0	0	0	0	?	0000327
0	0	0	0	0	?	0000332
0	0	0	0	0	: ?	0000333
0	0	0	0	0	: ?	0000334
0	0	0	0	0	: ?	0000337
0	0	0	0	0	: ?	0000342
0	0	0	0	0	: ?	0000349
0		0			: ?	0000353
	0 0	0	0	0		0000355
0			0	0	?	0000356
0	0	0	0	0	? ?	
0	0	0	0	0		0000359
0	0	0	0	0	?	0000362
0	0	0	0	0	?	0000363
0	0	0	0	0	?	0000364
0	0	0	0	0	?	0000365
0	0	0	0	0	?	0000368
0	0	0	0	0	?	0000373
0	0	0	0	0	?	0000374
0	0	0	0	0	?	0000380
0	0	0	0	0	?	0000383
0	0	0	0	0	?	0000384
0	0	0	0	0	?	0000387
0	0	0	0	0	?	0000389
0	0	0	0	0	?	0000392
0	0	0	0	0	?	0000393
0	0	0	0	0	?	0000397
0	0	0	0	0	?	0000399
0	0	0	0	0	?	0000402
0	0	0	0	0	?	0000403
0	0	0	0	0	? ? ? ? ?	0000406
0	0	0	0	0	?	0000408
0	0	0	0	0	?	0000416
0	0	0	0	0	?	0000419
0	0	0	0	0	?	0000424
0	0	0	0	0	? ?	0000426
0	0	0	0	0		0000432
0	0	0	0	0	?	0000433

0	0	0	0	0	?	0000436
0	0	0	0	0	· ?	0000439
0	0	0	0	0	?	0000440
0	0	0	0	0	?	0000448
0	0	0	0	0	?	0000450
0	0	0	0	0	?	0000451
0	0	0	0	0	?	0000452
0	0	0	0	0	?	0000453
0	0	0	0	0	?	0000454
0	0	0	0	0	?	0000457
0	0	0	0	0	?	0000459
0	0	0	0	0	?	0000460
0	0	0	0	0	?	0000463
0	0	0	0	0	?	0000466
0	0	0	0	0	?	0000470
0	0	0	0	0	?	0000472
0	0	0	0	0	?	0000472
0	0	0	0	0	?	0000477
0	0	0	0	0	?	0000479
0	0	0	0	0	?	0000480
0	0	0	0	0	?	0000484
0	0	0	0	0	?	0000487
0	0	0	0	0	?	0000488
0	0	0	0	0	?	0000492
0	0	0	0	0	?	0000498
0	0	0	0	0	?	0000499
0	0	0	0	0	?	0000501
0	0	0	0	0	?	0000506
0	0	0	0	0	?	0000510
0	0	0	0	0	?	0000511
0	0	0	0	0	?	0000513
0	0	0	0	0	?	0000515
0	0	0	0	0	?	0000528
0	0	0	0	0	?	0000531
0	0	0	0	0	?	0000534
0	0	0	0	0	?	0000535
0	0	0	0	0	?	0000539
0	0	0	0	0		0000545
0	0	0	0	0	?	0000548
0	0	0	0	0	?	0000551
0	0	0	0	0	?	0000552
0	0	0	0	0	?	0000556
0	0	0	0	0	?	0000557
0	0	0	0	0	?	0000564
0	0	0	0	0	? ? ? ? ? ?	0000565
0	0	0	0	0	?	0000566
0	0	0	0	0		0000573
0	0	0	0	0	?	0000575

0	0	0	0	0	?	0000576	
0	0	0	0	0	?	0000578	
0	0	0	0	0	?	0000573	
0	0	0	0	0	?	0000585	
0	0	0	0	0	?	0000586	
0	0	0	0	0	?	0000587	
0	0	0	0	0	?	0000591	
0	0	0	0	0	?	0000595	
0	0	0	0	0	?	0000597	
0	0	0	0	0	?	0000600	
0	0	0	0	0	?	0000603	
0	0	0	0	0	?	0000604	
0	0	0	0	0	?	0000605	
0	0	0	0	0	?	8060000	
0	0	0	0	0	?	0000609	
0	0	0	0	0	?	0000612	
0	0	0	0	0	?	0000615	
0	0	0	0	0	?	0000618	
0	0	0	0	0	?	0000621	
0	0	0	0	0	?	0000625	
0	0	0	0	0	?	0000628	
0	0	0	0	0	?	0000629	
0	0	0	0	0	?	0000631	
0	0	0	0	0	?	0000634	
0	0	0	0	0	?	0000636	
0	0	0	0	0	?	0000637	
0	0	0	0	0	?	0000639	
0	0	0	0	0	?	0000641	
0	0	0	0	0	?	0000642	
0	0	0	0	0	?	0000658	
0	0	0	0	0	?	0000659	
0	0	0	0	0	?	0000663	
0	0	0	0	0	?	0000666	
0	0	0	0	0	?	0000667	
0	0	0	0	0	?	0000669	
0	0	0	0	0	?	0000673	
0	0	0	0	0	?	0000675	
Weighted Avg.	NaN	NaN	1	NaN	NaN	NaN	NaN

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at au av aw ax ay az ba bb bc bd be bf bg bh bi bj bk bl bm bn bo bp bq br bs bt bu bv bw bx by bz ca cb cc cd ce cf cg ch ci cj ck cl cm cn co cp cq cr cs ct cu cv cw cx cy cz da db dc dd de df dg dh di dj dk dl dm dn do dp dq dr ds dt du dv dw dx dy dz ea eb ec ed ee ef eg eh ei ej ek el em en eo ep eq er es et eu ev ew ex ey ez fa fb fc fd fe ff fg fh fi fj fk fl fm fn fo fp fq fr fs ft fu fv fw fx fy fz ga gb gc gd ge gf gg gh gi gj gk gl gm gn go gp gq gr gs gt

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000020
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000029
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000034
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000037
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000039
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000040
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$

00000	0 0	0 () C	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0)
00000																																
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n	n =	
0000046																																
0000	0 0 0	0 0	0	0 () () () () () () () () () () () () () () () () () () () () () () () () (0 (0	0	0
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0)
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0)
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0)
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0)
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n	=	
0000047																																
0000	0 0 0	0 0	0	0 () () () () () () () () () () () () () () () (0) C) () () () () C) () C	0 (0	0	0
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)
00000	0 0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0)
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)
00000	0 0	0 (0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	О) =	
0000048																																
0000																																
00000	0 0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)
00000	0 0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)
00000	0 0	0 (0 0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)
00000	0 0	0 (0 0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)
00000	0 0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p) =	
0000056																																
0000																																
00000		•			-	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	
00000																																
00000	0 0	0 () C	0 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 (0 0)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000583
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
000000000000000000000000000000000000000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000585
$ \begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000586
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000587
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000591
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0000595
$0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \$

\cap	0 0	0.0	Λ.	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Ω	Λ	Λ	0	n
	0 0																																		
	0 0																																		
	0 0 0597			J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	15	ч -	
) 0 (0 () () () () () () () () () () () () () () () () () () () () (0 (() () () () () () () () ()	0	C
	0 0																																		
	0 0																																		
	0 0																																		
	0 0																																		
	0 0																																		
	0600																																		
0 (0 (0 0	0 (0) (0) () C) () () () () () () () () () () () () () () (0	C) () () () () () () (0	0	C
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	g	w	=
000	0603																																		
0 (0 0	0 0	0 (0) (0) () C) () () () () () () () () () () () () () () (0	C) () () () () () () (0	0	C
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	g	x =	:
	0604																																		
	0 (
	0 0																																		
	0 0																																		
	0 0																																		
	0 0																																		
	0 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	g	y =	
	0605		_	_		_																												_	
	0 (
	0 0																																		
	0 0																																		
	0 0																																		
	0 0																																		
	0 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	l g	z =	
	2608		^ ^																						_									_	_
	0 (
	0 0																																		
υυ	0 0	U O	0	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

0000667 0000669 0000673 0000675 4. Los Angeles: The user should go to the "0000000 Il Mito" restaurant. === Run information === Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2 Relation: city-res Instances: 104 Attributes: 5 restaurant atmosphere

style

price

occasion

```
Test mode:evaluate on training data
```

```
=== Classifier model (full training set) ===
J48 pruned tree
 ._____
atmosphere = An Historic Spot: 0000000 (0.0)
atmosphere = An Out Of The Way Find: 0000000 (0.0)
atmosphere = Authentic: 0000000 (0.0)
atmosphere = Buffet Dining: 0000000 (0.0)
atmosphere = Business Scene: 0000000 (0.0)
atmosphere = CafeGarden Dining: 0000000 (0.0)
atmosphere = Classic Hotel Dining: 0000000 (0.0)
atmosphere = Creative: 0000000 (0.0)
atmosphere = Credit cards are not accepted: 0000000 (0.0)
atmosphere = Excellent Decor
| price = 15-30: 0000000 (43.0/42.0)
price = 30-50: 0000083 (12.0/11.0)
price = below 15: 0000000 (0.0)
| price = over 50: 0000000 (0.0)
atmosphere = Excellent Food: 0000000 (0.0)
atmosphere = Excellent Service: 0000000 (0.0)
atmosphere = Extraordinary Decor
| price = 15-30: 0000011 (6.0/5.0)
price = 30-50: 0000050 (3.0/2.0)
| price = below 15: 0000011 (0.0)
| price = over 50: 0000011 (0.0)
atmosphere = Extraordinary Food: 0000000 (0.0)
```

```
atmosphere = Extraordinary Service: 0000000 (0.0)
atmosphere = Fabulous Views: 0000000 (0.0)
atmosphere = Fabulous Wine Lists: 0000000 (0.0)
atmosphere = Fair Decor: 0000122 (4.0/3.0)
atmosphere = Fair Food: 0000000 (0.0)
atmosphere = Fair Service: 0000000 (0.0)
atmosphere = Focus on Dessert: 0000000 (0.0)
atmosphere = For the Young and Young at Heart: 0000000 (0.0)
atmosphere = Good Decor: 0000008 (34.0/33.0)
atmosphere = Good Food: 0000000 (0.0)
atmosphere = Good Out of Town Business: 0000000 (0.0)
atmosphere = Good Service: 0000000 (0.0)
atmosphere = Good for Younger Kids: 0000000 (0.0)
atmosphere = Great for People Watching: 0000000 (0.0)
atmosphere = Health Conscious Menus: 0000000 (0.0)
atmosphere = Hip Place To Be: 0000000 (0.0)
atmosphere = Little Known But Well Liked: 0000000 (0.0)
atmosphere = Near-perfect Decor: 0000289 (1.0)
atmosphere = Near-perfect Food: 0000000 (0.0)
atmosphere = Near-perfect Service: 0000000 (0.0)
atmosphere = Need To Dress: 0000000 (0.0)
atmosphere = No Liquor Served: 0000000 (0.0)
atmosphere = No Reservations: 0000000 (0.0)
atmosphere = No Smoking Allowed: 0000000 (0.0)
atmosphere = Old World Cafe Charm: 0000000 (0.0)
atmosphere = On the Beach: 0000000 (0.0)
atmosphere = ParkingValet: 0000000 (0.0)
atmosphere = People Keep Coming Back: 0000000 (0.0)
atmosphere = Place for Singles: 0000000 (0.0)
```

atmosphere = Poor Decor: 0000016 (1.0) atmosphere = Pub Feel: 0000000 (0.0) atmosphere = Quiet for Conversation: 0000000 (0.0) atmosphere = Quirky: 0000000 (0.0) atmosphere = Relaxed Senior Scene: 0000000 (0.0) atmosphere = Romantic: 0000000 (0.0) atmosphere = Singles Scene: 0000000 (0.0) atmosphere = Tourist Appeal: 0000000 (0.0) atmosphere = Up and Coming: 0000000 (0.0) atmosphere = Very Busy - Reservations a Must: 0000000 (0.0) atmosphere = Warm spots by the fire: 0000000 (0.0) atmosphere = Wheelchair Access: 0000000 (0.0) Number of Leaves: 61 Size of the tree: 64 Time taken to build model: 0 seconds === Predictions on training set === inst#, actual, predicted, error, probability distribution 1 1:0000000 1:0000000 *0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 0.023 0.023 0 0 0.023 0.023 0 0 0 0.023 0.023 0.023 0 0 0 0.023 0 0.023 0 0 0 0 0.023 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 0.023 0.023 0 0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 0.023 0 0.023 0.023 0 0.023 0 0 0 0 0 0.023 0 0.023 0 0.023 0.023 0 0.023 0.023 0 0 0.023 0 0 2 2:0000002 1:0000000 + *0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0

0.023 0.023 0 0 0.023 0.023 0 0 0 0.023 0.023 0.023 0

0

0.023 0

4 4:0000011 4:0000011 0 0 0 *0.167 0 0 0 0 0 0 0.167 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.167 0 0 0 0 0 0 0 0.167 0 0 0 0 0 0 0 0 0 0 0 0 0 0.167 0

6 6:0000016 6:0000016 0 0 0 0 0 *1 0 0 0 0 0 0 0 0 0

7 7:0000022 1:0000000 + *0.023 0.023 0 0 0.023 0 0.023 0 0.023 0 0 0.023 0 0
0.023 0.023 0 0 0.023 0.023 0 0 0 0.023 0.023 0 0 0 0 0.023 0 0 0
0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0.023 0 0 0 0.023
0 0 0.023 0 0.023 0 0 0.023 0 0.023 0 0.023 0 0.023 0.023 0 0.023 0 0
0.023 0.023 0 0 0.023 0 0 0.023 0 0 0.023 0.023 0 0 0 0 0.023 0 0
0.023 0 0.023 0 0.023 0 0.023 0 0.023 0 0 0 0.023 0 0

8 8:0000024 1:0000000 + *0.023 0.023 0 0 0.023 0 0.023 0 0.023 0 0 0.023 0 0
0.023 0.023 0 0 0.023 0.023 0 0 0 0.023 0.023 0 0 0 0 0.023 0 0 0
0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0.023 0 0 0 0.023
0 0 0.023 0 0.023 0 0 0.023 0 0 0.023 0 0.023 0 0.023 0 0.023 0 0
0.023 0.023 0 0 0.023 0 0 0.023 0 0 0.023 0.023 0 0 0 0 0.023 0
0.023 0 0.023 0 0 0.023 0 0 0.023 0 0 0.023 0 0 0 0 0.023 0 0
0.023 0 0.023 0 0.023 0 0.023 0 0.023 0 0 0 0 0.023 0 0

0.029 0 0 0.029 0.029 0 0 0.029 0.029 0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029

11 11:0000039 4:0000011 + 0 0 0 *0.167 0 0 0 0 0.167 0 0 0 0.167 0 0 0 0 0 0 0 0 0 0.167 0 0 0 0.167 0 0 0 0 0.167 0 0 0 0 0 0 0 $\ \, 0 \ \, 0$

15 15:0000050 15:0000050 0 0 0 0 0 *0.333 0 0 0 0.333 0 0 0 0.333 0 0 0 Λ

16 16:0000054 4:0000011 + 0 0 0 *0.167 0 0 0 0 0 0.167 0 0 0 0 0.167 0 0 0

19 19:0000066 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0.029 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0

23 23:0000087 1:0000000 + *0.023 0.023 0 0 0.023 0 0.023 0 0.023 0 0 0
0.023 0.023 0 0 0.023 0.023 0 0 0 0.023 0.023 0 0 0 0 0.023 0 0 0
0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0.023 0.023 0.023 0 0 0 0.023
0 0 0.023 0 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0.023 0 0
0.023 0.023 0 0 0.023 0 0 0.023 0 0 0.023 0.023 0 0 0 0.023 0 0
0.023 0 0.023 0 0.023 0 0.023 0 0.023 0.023 0 0 0 0 0.023 0 0
0.023 0 0.023 0 0.023 0 0.023 0 0.023 0.023 0 0 0 0.023 0 0

27 27:0000101 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0
0 0 0 0 0.029 0.029 0 0 0 0 0.029 0.029 0 0.029 0 0.029 0 0 0
0.029 0 0 0.029 0.029 0 0 0.029 0.029 0 0 0 0 0 0 0 0.029 0 0 0.029
0 0 0.029 0 0 0.029 0 0 0.029 0 0.029 0 0 0 0 0 0 0 0 0 0
0.029 0.029 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0.029 0 0.029
0 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0.029 0 0.029 0

0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.02

30 30:0000113 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0

32 32:0000116 4:0000011 + 0 0 0 *0.167 0 0 0 0.167 0 0 0 0 0 0 0.167 0 0 0 0.167 0 0 0.167 0 0 O Ω

33 33:0000122 33:0000122 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 *0.25 0 0 0 0 0 0 0 0 0 0 0 0 0 0

36 36:0000125 21:0000083 + 0 0 0 *0.083 0 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0

38 38:0000127 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0.029 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0.0

0.029 0 0 0.029 0.029 0 0 0.029 0.029 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029

44 44:0000155 33:0000122 + 0 0 0 0 0 0 0 *0.25 0 0 0 0 0.25 0

45 45:0000161 4:0000011 + 0 0 0 *0.167 0 0 0.167 0 0 0 0 0 0 0 0.167 0 0 0 0.167 0 0 0 0 0.167 0 0 0 0 0 0 0 0 0 0 0 0 0 0

55 55:0000216 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0

58 58:0000229 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0

63 63:0000257 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0

66 66:0000273 21:0000083 + 0 0 0 0 0 *0.083 0 0 0.083 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0.083

68 68:0000283 1:0000000 + *0.023 0.023 0 0 0.023 0 0.023 0 0.023 0 0 0
0.023 0.023 0 0 0.023 0.023 0 0 0 0.023 0.023 0 0 0 0 0.023 0 0 0
0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0.023 0 0 0 0.023
0 0 0.023 0 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0.023 0 0
0.023 0.023 0 0 0.023 0 0 0.023 0 0 0.023 0.023 0 0 0 0.023 0 0
0.023 0 0.023 0 0.023 0 0.023 0.023 0 0 0 0.023 0 0

69 69:0000284 4:0000011 + 0 0 0 *0.167 0 0.167 0 0.167 0 0 0 0 0.167 0 0 0.167 0 0.167 0 0 0 0 0 0 0 0 0 0 0 0 0

70 70:0000289 70:0000289 0 0 *1

73 73:0000292 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029

76 76:0000309 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0

79 79:0000315 15:0000050 + 0 *0.333 0 0.333 0 0.333 0 0 0 0 0 0 0 0

84 84:0000333 33:0000122 + 0 0 0 0 0 0 0 0 0 *0.25 0 0.25 0 0 0 0 0 0 0 0 0 0 0 0 0 0.25 0

88 88:0000368 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0.029 0 0 0.029 0

89 89:0000374 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0.029 0 0 0.029 0

0.029 0 0 0.029 0.029 0 0 0.029 0.029 0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029

93 93:0000385 15:0000050 + 0 0 0 0 0 0 0 0 0 0 0 0 *0.333 0.333 0 0 0 0 0 0 0 0 0 0 0 0.333 0 0 0 0 0 0 0 0 0 0

96 96:0000396 3:0000008 + 0 0 *0.029 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0.029 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0 0.029 0 0 0 0.029 0 0 0.029 0 0 0.029 0 0 0.029 0 0

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 8 7.6923 %

Incorrectly Classified Instances 96 92.3077 %

Kappa statistic 0.068

Mean absolute error 0.0178

Root mean squared error 0.0942

Relative absolute error 93.2039 %

Root relative squared error 96.5422 %

Total Number of Instances 104

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure ROC Area Class

- 1 0.408 0.023 1 0.045 0.796 0000000
- 0 0 0 0 0 0.796 0000002
- 1 0.32 0.029 1 0.057 0.84 0000008
- 1 0.049 0.167 1 0.286 0.976 0000011
- 0 0 0 0 0 0.796 0000014
- 1 0 1 1 1 1 0000016
- 0 0 0 0 0 0.796 0000022
- 0 0 0 0 0 0.796 0000024
- 0 0 0 0 0 0.84 0000037
- 0 0 0 0 0 0.796 0000038
- 0 0 0 0 0 0.976 0000039

0	0	0	0	0	0.84 0000040
0	0	0	0	0	0.796 0000041
0	0	0	0	0	0.796 0000044
1	0.019	(0.333	1	0.5 0.99 0000050
0	0	0	0	0	0.976 0000054
0	0	0	0	0	0.796 0000056
0	0	0	0	0	0.796 0000060
0	0	0	0	0	0.84 0000066
0	0	0	0	0	0.84 0000068
1	0.107	(0.083	1	0.154 0.947 0000083
0	0	0	0	0	0.796 0000086
0	0	0	0	0	0.796 0000087
0	0	0	0	0	0.796 0000092
0	0	0	0	0	0.947 0000095
0	0	0	0	0	0.84 0000097
0	0	0	0	0	0.84 0000101
0	0	0	0	0	0.796 0000110
0	0	0	0	0	0.84 0000111
0	0	0	0	0	0.84 0000113
0	0	0	0	0	0.947 0000114
0	0	0	0	0	0.976 0000116
1	0.029	(0.25	1	0.4 0.985 0000122
0	0	0	0	0	0.84 0000123
0	0	0	0	0	0.796 0000124
0	0	0	0	0	0.947 0000125
0	0	0	0	0	0.84 0000126
0	0	0	0	0	0.84 0000127
0	0	0	0	0	0.947 0000131
0	0	0	0	0	0.796 0000148

0	0	0	0	0	0.84	0000149
0	0	0	0	0	0.84	0000150
0	0	0	0	0	0.84	0000152
0	0	0	0	0	0.985	0000155
0	0	0	0	0	0.976	0000161
0	0	0	0	0	0.796	0000169
0	0	0	0	0	0.796	0000171
0	0	0	0	0	0.796	0000177
0	0	0	0	0	0.84	0000183
0	0	0	0	0	0.947	0000193
0	0	0	0	0	0.796	0000195
0	0	0	0	0	0.84	0000205
0	0	0	0	0	0.947	0000214
0	0	0	0	0	0.796	0000215
0	0	0	0	0	0.84	0000216
0	0	0	0	0	0.796	0000217
0	0	0	0	0	0.796	0000225
0	0	0	0	0	0.84	0000229
0	0	0	0	0	0.985	0000234
0	0	0	0	0	0.796	0000236
0	0	0	0	0	0.84	0000249
0	0	0	0	0	0.796	0000254
0	0	0	0	0	0.84	0000257
0	0	0	0	0	0.796	0000259
0	0	0	0	0	0.796	0000260
0	0	0	0	0	0.947	0000273
0	0	0	0	0	0.796	0000278
0	0	0	0	0	0.796	0000283
0	0	0	0	0	0.976	0000284

1	0	1	1	1	1 0000289
0	0	0	0	0	0.796 0000290
0	0	0	0	0	0.796 0000291
0	0	0	0	0	0.84 0000292
0	0	0	0	0	0.84 0000301
0	0	0	0	0	0.796 0000307
0	0	0	0	0	0.84 0000309
0	0	0	0	0	0.947 0000312
0	0	0	0	0	0.796 0000314
0	0	0	0	0	0.99 0000315
0	0	0	0	0	0.947 0000318
0	0	0	0	0	0.796 0000322
0	0	0	0	0	0.796 0000323
0	0	0	0	0	0.84 0000327
0	0	0	0	0	0.985 0000333
0	0	0	0	0	0.947 0000345
0	0	0	0	0	0.84 0000351
0	0	0	0	0	0.796 0000365
0	0	0	0	0	0.84 0000368
0	0	0	0	0	0.84 0000374
0	0	0	0	0	0.796 0000375
0	0	0	0	0	0.84 0000378
0	0	0	0	0	0.796 0000384
0	0	0	0	0	0.99 0000385
0	0	0	0	0	0.796 0000386
0	0	0	0	0	0.796 0000392
0	0	0	0	0	0.84 0000396
0	0	0	0	0	0.796 0000412
0	0	0	0	0	0.796 0000416

0	0	0	0	0	0.84 0000422
0	0	0	0	0	0.84 0000427
0	0	0	0	0	0.84 0000437
0	0	0	0	0	0.796 0000442
0	0	0	0	0	0.84 0000443
0	0	0	0	0	0.947 0000446

Weighted Avg. 0.077 0.009 0.028 0.077 0.033 0.855

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at au av aw ax ay az ba bb bc bd be bf bg bh bi bj bk bl bm bn bo bp bq br bs bt bu bv bw bx by bz ca cb cc cd ce cf cg ch ci cj ck cl cm cn co cp cq cr cs ct cu cv cw cx cy cz <-- classified as

=== Re-evaluation on test set ===

User supplied test set

Relation: city-res

Instances: unknown (yet). Reading incrementally

Attributes: 5

=== Predictions on test set ===

inst#, actual, predicted, error, probability distribution

1 ? 1:0000000 + *0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 0.023 0.023 0 0 0 0 0.023 0.023 0.023 0 0 0 0.023 0.023 0 0.023 0 0 0 0 0 0.023 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 0.023 0 0.023 0.023 0 0.023 0.023 0 0.023 0.023 0 0 0.023 0 0 0.023 0 0 0.023 0.023 0 0 0 0 0.023 0 0 0.023 0 0.023 0 0.023 0.023 0 0.023 0.023 0 0 0 0.023 0

=== Summary ===

Total Number of Instances 0

Ignored Class Unknown Instances 1

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure ROC Area Class

0 0 0 0 ? 0000000

0	0	0	0	0	?	0000002
0	0	0	0	0	?	8000000
0	0	0	0	0	?	0000011
0	0	0	0	0	?	0000014
0	0	0	0	0	?	0000016
0	0	0	0	0	?	0000022
0	0	0	0	0	?	0000024
0	0	0	0	0	?	0000037
0	0	0	0	0	?	0000038
0	0	0	0	0	?	0000039
0	0	0	0	0	?	0000040
0	0	0	0	0	?	0000041
0	0	0	0	0	?	0000044
0	0	0	0	0	?	0000050
0	0	0	0	0	?	0000054
0	0	0	0	0	?	0000056
0	0	0	0	0	?	0000060
0	0	0	0	0	?	0000066
0	0	0	0	0	?	8800000
0	0	0	0	0	?	0000083
0	0	0	0	0	?	0000086
0	0	0	0	0	?	0000087
0	0	0	0	0	?	0000092
0	0	0	0	0	?	0000095
0	0	0	0	0	?	0000097
0	0	0	0	0	?	0000101
0	0	0	0	0	?	0000110
0	0	0	0	0	?	0000111
0	0	0	0	0	?	0000113

0	0	0	0	0	?	0000114
0	0	0	0	0	?	0000116
0	0	0	0	0	?	0000122
0	0	0	0	0	?	0000123
0	0	0	0	0	?	0000124
0	0	0	0	0	?	0000125
0	0	0	0	0	?	0000126
0	0	0	0	0	?	0000127
0	0	0	0	0	?	0000131
0	0	0	0	0	?	0000148
0	0	0	0	0	?	0000149
0	0	0	0	0	?	0000150
0	0	0	0	0	?	0000152
0	0	0	0	0	?	0000155
0	0	0	0	0	?	0000161
0	0	0	0	0	?	0000169
0	0	0	0	0	?	0000171
0	0	0	0	0	?	0000177
0	0	0	0	0	?	0000183
0	0	0	0	0	?	0000193
0	0	0	0	0	?	0000195
0	0	0	0	0	?	0000205
0	0	0	0	0	?	0000214
0	0	0	0	0	?	0000215
0	0	0	0	0	?	0000216
0	0	0	0	0	?	0000217
0	0	0	0	0	?	0000225
0	0	0	0	0	?	0000229
0	0	0	0	0	?	0000234

0	0	0	0	0	?	0000236
0	0	0	0	0	?	0000249
0	0	0	0	0	?	0000254
0	0	0	0	0	?	0000257
0	0	0	0	0	?	0000259
0	0	0	0	0	?	0000260
0	0	0	0	0	?	0000273
0	0	0	0	0	?	0000278
0	0	0	0	0	?	0000283
0	0	0	0	0	?	0000284
0	0	0	0	0	?	0000289
0	0	0	0	0	?	0000290
0	0	0	0	0	?	0000291
0	0	0	0	0	?	0000292
0	0	0	0	0	?	0000301
0	0	0	0	0	?	0000307
0	0	0	0	0	?	0000309
0	0	0	0	0	?	0000312
0	0	0	0	0	?	0000314
0	0	0	0	0	?	0000315
0	0	0	0	0	?	0000318
0	0	0	0	0	?	0000322
0	0	0	0	0	?	0000323
0	0	0	0	0	?	0000327
0	0	0	0	0	?	0000333
0	0	0	0	0	?	0000345
0	0	0	0	0	?	0000351
0	0	0	0	0	?	0000365
0	0	0	0	0	?	0000368

ed Avg.	NaN	NaN	1	NaN	NaN	NaN	NaN
0	0	0	0	0	?	0000446	
0	0	0	0	0	?	0000443	
0	0	0	0	0	?	0000442	
0	0	0	0	0	?	0000437	
0	0	0	0	0	?	0000427	
0	0	0	0	0	?	0000422	
0	0	0	0	0	?	0000416	
0	0	0	0	0	?	0000412	
0	0	0	0	0	?	0000396	
0	0	0	0	0	?	0000392	
0	0	0	0	0	?	0000386	
0	0	0	0	0	?	0000385	
0	0	0	0	0	?	0000384	
0	0	0	0	0	?	0000378	
0	0	0	0	0	?	0000375	
0	0	0	0	0	?	0000374	

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at au av aw ax ay az ba bb bc bd be bf bg bh bi bj bk bl bm bn bo bp bq br bs bt bu bv bw bx by bz ca cb cc cd ce cf cg ch ci cj ck cl cm cn co cp cq cr cs ct cu cv cw cx cy cz <-- classified as

5. New Orleans:

```
The user should go to "0000003 TONY ANGELLO'S" restaurant.
=== Run information ===

Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2
Relation: city-res
```

Instances: 46
Attributes: 5
restaurant
atmosphere
style
price
occasion

Test mode:evaluate on training data

=== Classifier model (full training set) ===

J48 pruned tree

```
atmosphere = An Historic Spot: 0000003 (0.0)
atmosphere = An Out Of The Way Find: 0000003 (0.0)
atmosphere = Authentic: 0000003 (0.0)
atmosphere = Buffet Dining: 0000003 (0.0)
atmosphere = Business Scene: 0000003 (0.0)
atmosphere = CafeGarden Dining: 0000003 (0.0)
atmosphere = Classic Hotel Dining: 0000003 (0.0)
atmosphere = Creative: 0000003 (0.0)
```

atmosphere = Credit cards are not accepted: 0000003 (0.0)

```
atmosphere = Excellent Decor: 0000003 (9.0/8.0)
atmosphere = Excellent Food: 0000003 (0.0)
atmosphere = Excellent Service: 0000003 (0.0)
atmosphere = Extraordinary Decor: 0000030 (6.0/5.0)
atmosphere = Extraordinary Food: 0000003 (0.0)
atmosphere = Extraordinary Service: 0000003 (0.0)
atmosphere = Fabulous Views: 0000003 (0.0)
atmosphere = Fabulous Wine Lists: 0000003 (0.0)
atmosphere = Fair Decor
price = 15-30: 0000070 (2.0/1.0)
| price = 30-50: 0000070 (0.0)
price = below 15: 0000144 (5.0/4.0)
| price = over 50: 0000070 (0.0)
atmosphere = Fair Food: 0000003 (0.0)
atmosphere = Fair Service: 0000003 (0.0)
atmosphere = Focus on Dessert: 0000003 (0.0)
atmosphere = For the Young and Young at Heart: 0000003 (0.0)
atmosphere = Good Decor
price = 15-30: 0000012 (20.0/19.0)
| price = 30-50: 0000012 (0.0)
price = below 15: 0000013 (4.0/3.0)
| price = over 50: 0000012 (0.0)
atmosphere = Good Food: 0000003 (0.0)
atmosphere = Good Out of Town Business: 0000003 (0.0)
atmosphere = Good Service: 0000003 (0.0)
atmosphere = Good for Younger Kids: 0000003 (0.0)
atmosphere = Great for People Watching: 0000003 (0.0)
atmosphere = Health Conscious Menus: 0000003 (0.0)
atmosphere = Hip Place To Be: 0000003 (0.0)
atmosphere = Little Known But Well Liked: 0000003 (0.0)
atmosphere = Near-perfect Decor: 0000003 (0.0)
atmosphere = Near-perfect Food: 0000003 (0.0)
atmosphere = Near-perfect Service: 0000003 (0.0)
atmosphere = Need To Dress: 0000003 (0.0)
atmosphere = No Liquor Served: 0000003 (0.0)
atmosphere = No Reservations: 0000003 (0.0)
atmosphere = No Smoking Allowed: 0000003 (0.0)
atmosphere = Old World Cafe Charm: 0000003 (0.0)
atmosphere = On the Beach: 0000003 (0.0)
atmosphere = ParkingValet: 0000003 (0.0)
atmosphere = People Keep Coming Back: 0000003 (0.0)
atmosphere = Place for Singles: 0000003 (0.0)
atmosphere = Poor Decor: 0000003 (0.0)
atmosphere = Pub Feel: 0000003 (0.0)
atmosphere = Quiet for Conversation: 0000003 (0.0)
atmosphere = Quirky: 0000003 (0.0)
atmosphere = Relaxed Senior Scene: 0000003 (0.0)
atmosphere = Romantic: 0000003 (0.0)
```

atmosphere = Singles Scene: 0000003 (0.0) atmosphere = Tourist Appeal: 0000003 (0.0) atmosphere = Up and Coming: 0000003 (0.0) atmosphere = Very Busy - Reservations a Must: 0000003 (0.0) atmosphere = Warm spots by the fire: 0000003 (0.0) atmosphere = Wheelchair Access: 0000003 (0.0)

Number of Leaves: 61

Size of the tree: 64

Time taken to build model: 0 seconds

=== Predictions on training set ===

```
inst#, actual, predicted, error, probability distribution
  1 1:0000003 1:0000003
                            *0.111 0
                                                             0.111 0
                                                  0
0.111 0 0
            0 0 0.111 0
                               0
                                  0
                                       0
                                           0
                                              0.111 0
                                                        0
                                                            0.111 0.111 0
                                                                           0
               0.111 0
       0
           0
                         0
                             0
                                 0
                                     0
                                         0
                                             0.111 0
                                                      0
                                                          0
                                                              0
  2 2:0000012 2:0000012
                               *0.05 0
                                                      0.05 0.05 0
                            0
                                          0.05 0
                                                  0
0.05 0.05 0.05 0
                   0
                     0.05 0
                                0.05 0
                                         0
                                             0
                                                 0.05 0
                                                          0
                                                                  0.05 0
   0.05 0.05 0
                  0.05 0
                           0
                                   0.05 0.05 0
                                                 0
                                                     0.05 0.05 0.05 0.05
                               0
  3 3:0000013 3:0000013
                            0
                                0
                                   *0.25 0
                                             0.25 0
                                                      0
                                                          0
                                                              0
                       0.25 0
                                    0
                                            0
                                                0
                                                    0
                                                        0
                                                           0
                                                              0
                                                                   0
0
               0
                   0
                                0
                                        0
                                   0.25 0
                                            0
                                                    0
        0
           0
               0
                   0
                       0
                           0
                               0
                                                0
  4 4:0000014 2:0000012
                                *0.05 0
                                          0.05 0
                          + 0
                                                   0
                                                       0.05 0.05 0
0.05 0.05 0.05 0
                   0
                       0.05 0
                                0.05 0
                                         0
                                             0
                                                 0.05 0
                                                          0
                                                              0
                                                                  0.05 0
                                                                           0
   0.05 0.05 0
                 0.05 0
                           0
                               0
                                   0.05 0.05 0
                                                 0
                                                     0.05 0.05 0.05 0.05
  5 5:0000018 3:0000013
                          + 0
                                0
                                    *0.25 0
                                              0.25 0
                                                       0
                                                           0
    0
        0
           0
               0
                   0
                       0.25 0
                                    0
                                            0
                                                0
                                                    0
                                                        0
                                                            0
                                                               0
                                                                   0
                                                                           0
0
                                0
                                        0
                   0
        0
           0
               0
                       0
                           0
                               0
                                   0.25
                                       0
                                            0
  6 6:0000030 6:0000030
                                0
                                    0
                                        0
                                            0
                                               *0.167 0
                                                          0
                                                             0
                                                                0.167 0
           0.167 0
                         0
                                     0
                                         0
                                            0
                                                        0
                                                            0 0.167 0.167 0
    0
                     0
                            0
                                 0
                                                0
                                                    0
0
               0
                   0
                       0.167 0
                                 0
                                     0
                                         0
                                             0
  7 7:0000040 2:0000012
                                *0.05 0
                                          0.05 0
                                                       0.05 0.05 0
                          + 0
                                                   0
                                                                     0
0.05 0.05 0.05 0
                       0.05 0
                                0.05 0
                                         0
                                                 0.05 0
                   0
                                             0
                                                          0
                                                              0
                                                                  0.05 0
   0.05 0.05 0
                  0.05 0
                           0
                               0
                                   0.05 0.05 0
                                                 0
                                                     0.05 0.05 0.05 0.05
  8 8:0000054 2:0000012
                          + 0
                                *0.05 0
                                                       0.05 0.05 0
                                          0.05 0
                                                   0
0.05 0.05 0.05 0
                   0
                       0.05 0
                                0.05 0
                                         0
                                                 0.05 0
                                                          0
                                                                  0.05 0
                                             0
                                                              0
   0.05 0.05 0
                  0.05 0
                           0
                               0
                                   0.05 0.05 0
                                                 0
                                                     0.05 0.05 0.05 0.05
  9 9:0000057 1:0000003
                          + *0.111 0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0.111 0 0
            0
                 0
                     0.111 0
                               0
                                   0
                                       0
                                           0
                                              0.111 0
                                                        0
                                                            0.111 0.111 0
                                                                           0
               0.111 0 0 0 0 0 0 0.111 0 0
```

```
10 10:0000068 6:0000030 + 0 0 0 0 0 *0.167 0 0 0 0.167 0 0
         0
                0.167 0 0 0 0 0
                                                    0
                                                        0
                                                             0 0
                                                                        0
                                                                              0 0 0.167 0.167 0
                0 0 0 0.167 0 0
                                                    0
                                                         0
                                                               0
                                                                    0
   11 11:0000070 11:0000070
                                          0 0 0 0 0 0 0 0 0 0 *0.5 0
                                    0 0 0 0 0 0.5 0 0 0 0 0
                          0
                               0
                         0 0
                                            0
                                               0 0 0
   12 12:0000086 1:0000003 + *0.111 0 0 0 0 0 0 0 0.111 0
0.111 \ 0 \quad 0 \quad 0 \quad 0.111 \ 0 \quad 0 \quad 0 \quad 0 \quad 0.111 \ 0 \quad 0 \quad 0.111 \ 0
0 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0
   13 13:0000094 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0
                                                                          0 0.05 0.05 0.05 0.05
   14 14:0000115 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0 0
0 0.05 0.05 0.05 0 0 0.05 0 0.05 0 0
                                                                          0.05 0 0 0 0.05 0
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0
                                                                          0 0.05 0.05 0.05 0.05
   15 15:0000119 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0 0
0 0.05 0.05 0.05 0 0 0.05 0 0.05 0 0
                                                                          0.05 0 0 0 0.05 0
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0
                                                                          0 0.05 0.05 0.05 0.05
   16 16:0000124 6:0000030 + 0 0 0 0 0 *0.167 0 0 0.167 0 0
0 0 0 0.167 0 0 0 0 0 0 0 0
                                                                         0
                                                                               0 0 0.167 0.167 0
0 0 0 0 0 0 0.167 0 0 0 0
                                                                    0
                                                                               0
   17 17:0000126 1:0000003 + *0.111 0 0 0
                                                                         0 0 0 0.111 0 0
0.111 \ 0 \quad 0 \quad 0 \quad 0.111 \ 0 \quad 0 \quad 0 \quad 0 \quad 0.111 \ 0 \quad 0 \quad 0.111 \ 0
\begin{smallmatrix} 0 & 0 & 0 & 0 & 0.111 & 0 & 0 & 0 & 0 & 0 & 0.111 & 0 & 0 & 0 & 0 \\ \end{smallmatrix}
   18 18:0000134 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0
0 0.05 0.05 0.05 0.05
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0
  19 19:0000135 3:0000013 + 0 0 *0.25 0 0.25 0 0 0 0 0
0 0 0 0 0 0 0,25 0 0 0
                                                              0
                                                                   0
                                                                         0
                                                                              0 0 0 0 0
                     0 0 0 0 0 0.25 0 0
0 0 0 0
  20 20:0000142 2:0000012 + 0 *0.05 0 0.05 0
                                                                        0 0.05 0.05 0
0 0.05 0.05 0.05 0 0 0.05 0 0.05 0 0
                                                                          0.05 0 0 0 0.05 0
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0
                                                                           0 0.05 0.05 0.05 0.05
                                              0 0 0 0 0
  21 21:0000144 21:0000144
                                          0
                                                                          0
                                                                               0 0 0
          0 0 0 0 0 *0.2 0.2 0 0 0
                                                                              0 0 0
                                                                                               0.2 0
                                                                        0
0 0 0.2 0.2 0 0 0 0 0 0 0
  22 22:0000146 21:0000144 + 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 *0.2 0.2 0 0 0 0 0 0 0
                                                                                               0.2 0
0 0 0.2 0.2 0 0 0 0 0 0
   23 23:0000160 1:0000003 + *0.111 0 0 0 0 0 0 0 0 0.111 0 0
0.111 \ 0 \quad 0 \quad 0 \quad 0.111 \ 0 \quad 0 \quad 0 \quad 0 \quad 0.111 \ 0 \quad 0 \quad 0.111 \ 0 \quad 0
0 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0
  24 24:0000166 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0
\begin{smallmatrix} 0 & 0.05 & 0.05 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.0
     0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05
```

```
25 25:0000183 11:0000070 + 0 0 0 0 0 0 0 0 0 0 *0.5 0
0 0 0
                      0 0
                                      0
                                             0
                                                      0
                                                                0
                                                                      0 0 0 0.5 0 0 0 0 0
                                      0 0
                                                                0
                                                                      0
                                                                              0 0
    26 26:0000194 1:0000003 + *0.111 0 0 0 0 0 0 0 0.111 0 0
0.111 \ 0 \quad 0 \quad 0 \quad 0.111 \ 0 \quad 0 \quad 0 \quad 0 \quad 0.111 \ 0 \quad 0 \quad 0.111 \ 0 \quad 0
0 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0 0
    27 27:0000195 1:0000003 + *0.111 0 0 0 0 0 0 0 0.111 0 0
0.111\ 0\quad 0\quad 0\quad 0\quad 0.111\ 0\quad 0\quad 0\quad 0\quad 0.111\ 0\quad 0\quad 0.111\ 0
0 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0
    28 28:0000201 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0 0
0 0.05 0.05 0.05 0.05
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0
    29 29:0000203 6:0000030 + 0 0 0 0 0 *0.167 0 0 0 0.167 0 0
             0 0.167 0 0 0 0 0
                                                                            0
                                                                                                  0
                                                                                                                    0 0 0.167 0.167 0
                                                                                    0
                                                                                           0
                                                                                                             0
             0 0 0 0 0.167 0
                                                                  0
                                                                                     0
                                                                                                     0
                                                                            0
                                                                                             0
                                                                                                             0
                                                                                                                     0
    30 30:0000211 6:0000030 + 0 0
                                                                            0
                                                                                   0
                                                                                           0 *0.167 0 0 0 0.167 0 0
              0 0.167 0 0 0 0 0
                                                                                          0 0
                                                                                                                   0 0 0.167 0.167 0
                                                                          0
                                                                                    0
                                                                                                           0
              0 0 0 0 0.167 0 0
                                                                                    0
                                                                                          0 0
                                                                            0
    31\,31:0000216\,21:0000144\ +\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
              0 0 0 0 0 *0.2 0.2 0 0 0 0 0 0 0 0 0.2 0 0
0 0 0.2 0.2 0 0 0 0 0 0
                                                                                          0
    32 32:0000219 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0 0
0 \quad 0.05 \ 0.05 \ 0.05 \ 0 \quad 0 \quad 0.05 \ 0 \quad 0.05 \ 0 \quad 0 \quad 0 \quad 0.05 \ 0 \quad 0 \quad 0 \quad 0.05 \ 0
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05
    33 33:0000223 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0 0
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05
    34 34:0000225 1:0000003 + *0.111 0 0 0 0 0 0 0 0.111 0 0
0.111\ 0\ 0\ 0\ 0.111\ 0\ 0\ 0\ 0\ 0.111\ 0\ 0\ 0.111\ 0\ 0
\begin{smallmatrix} 0 & 0 & 0 & 0 & 0.111 & 0 & 0 & 0 & 0 & 0 & 0.111 & 0 & 0 & 0 & 0 \\ \end{smallmatrix}
    35 35:0000230 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0
\begin{smallmatrix} 0 & 0.05 & 0.05 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.0
0 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05
    36 36:0000234 21:0000144 + 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 *0.2 0.2 0 0 0 0 0 0 0 0 0.2 0
0 0 0.2 0.2 0 0 0 0 0 0 0
    37 37:0000236 21:0000144 + 0 0 0 0 0 0 0 0 0
              0 0 0 0 0 *0.2 0.2 0 0 0 0 0 0 0
                                                                                                                                           0.2 0
               0.2 0.2 0 0 0 0
                                                                   0
                                                                           0
                                                                                   0
    38 38:0000244 6:0000030 + 0 0
                                                                                   0 0 *0.167 0 0 0
               0 0.167 0 0 0 0 0
                                                                                   0
                                                                                                           0
                                                                                                                  0 0 0.167 0.167 0
                                                                                          0
                                                                                                  0
                0
                        0 0 0 0.167 0 0
                                                                            0
                                                                                     0
                                                                                           0 0
    39 39:0000246 2:0000012 + 0 *0.05 0 0.05 0
                                                                                                                     0.05 0.05 0 0
                                                                                                           0
\begin{smallmatrix} 0 & 0.05 & 0.05 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0 & 0.05 & 0.05 & 0 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 & 0.05 &
        0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05
```

40 40:0000257 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0 0.05 0.05 0.05 0 0 0.05 0 0.05 0 0 0 0.05 0 0 0 0.05 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05 0.05 41 41:0000260 1:0000003 + *0.111 0 0 0 0 0 0 0 0.111 0 0.111 0 0 0 0 0.111 0 0 0 0 0 0.111 0 0 0.111 0.111 0 0.111 0 0.111 0 0 0 0 0 0 42 42:0000275 3:0000013 + 0 0 *0.25 0 0.25 0 0 0 0 0 0 0 0 0 0 0.25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.25 0 0 0 43 43:0000284 2:0000012 + 0 *0.05 0 0.05 0 0 0.05 0.05 0 0.05 0.05 0.05 0 0 0.05 0 0.05 0 0 0 0.05 0 0 0 0.05 0 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05 0.05 44 44:0000287 2:0000012 + 0 *0.05 0 0.05 0 0.05 0.05 0 0 0 0.05 0.05 0.05 0 0.05 0 0.05 0 0 0 0 0.05 0 0 0.05 0 0 0.05 0.05 0 0.05 0.05 0 0.05 0 0 0 0 0.05 0.05 0.05 0.05 45 45:0000288 2:0000012 + 0 *0.05 0 0.05 0 0.05 0.05 0 0 0 0.05 0.05 0.05 0 0.05 0 0.05 0 0.05 0 0.05 0 0 0 0 0.05 0.05 0 0.05 0.05 0.05 0.05 0.05 0 0 0 0.05 0.05 0 0 46 46:0000311 2:0000012 + 0 *0.05 0 0.05 0 0.05 0.05 0 0 0 0.05 0 0.05 0.05 0.05 0 0 0.05 0 0.05 0 0 0 0.05 0 0 0.05 0.05 0 0.05 0 0.05 0.05 0 0 0 0 0 0.05 0.05 0.05 0.05

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 6 13.0435 % Incorrectly Classified Instances 40 86.9565 %

Kappa statistic 0.1111

Mean absolute error 0.0378

Root mean squared error 0.1375

Relative absolute error 88.8889 %

Root relative squared error 704.2809 %

Total Number of Instances 46

=== Detailed Accuracy By Class ===

• •

FP Ra	ate I			Recall	F-M	easur	e Ro	OC Area	Class
0.178	0.1	l11	1	0.2	0.	911	000	0003	
).422	0.0)5	1	0.095	0	.789	000	00012	
0.067	0.2	25	1	0.4	0.9	967	0000	013	
)	0	0	0	0.	789	0000	0014		
)	0	0	0	0.9	967	0000	0018		
0.111	0.1	L67	1	0.28	6 (0.944	00	00030	
)	0	0	0	0.	789	0000	0040		
)	0	0	0	0.	789	0000	0054		
)	0	0	0	0.9	911	0000	0057		
)	0	0	0	0.9	944	0000	8600		
).178).422).067))).111	0.178	0.178	0.178	0.178	0.178	0.178 0.111 1 0.2 0.911 0.422 0.05 1 0.095 0.789 0.067 0.25 1 0.4 0.967 0 0 0 0.789 000 0 0 0 0.967 000 0.111 0.167 1 0.286 0.944 0 0 0 0.789 000 0 0 0 0.789 000 0 0 0 0.911 000 0 0 0 0.911 000	0.178 0.111 1 0.2 0.911 000 0.422 0.05 1 0.095 0.789 000 0.067 0.25 1 0.4 0.967 0000 0 0 0 0.789 0000014 0 0 0 0.967 0000018 0.111 0.167 1 0.286 0.944 00 0 0 0 0.789 0000040 0 0 0 0.789 0000054 0 0 0 0.911 0000057	0.422 0.05 1 0.095 0.789 0000012 0.067 0.25 1 0.4 0.967 0000013 0 0 0 0 0.789 0000014 0 0 0 0 0.967 0000018 0.111 0.167 1 0.286 0.944 0000030 0 0 0 0 0.789 0000040 0 0 0 0 0.789 0000054 0 0 0 0 0.911 0000057

1	0.022		0.5	1		0.667	0	989	0000070
0	0.022	0	0.5	-	0	0.007		0000	
0	0	0	0		0	0.71		0000	
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.94		0000	
0	0	0	0		0	0.91		0000	
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.96		0000	
0	0	0	0		0	0.78		0000	
1	0.089		0.2	1		0.333		956	0000144
0	0	0	0		0	0.95	6	0000)146
0	0	0	0		0	0.91	1	0000	160
0	0	0	0		0	0.78	9	0000	166
0	0	0	0		0	0.98	9	0000)183
0	0	0	0		0	0.91	1	0000)194
0	0	0	0		0	0.91	1	0000)195
0	0	0	0		0	0.78	9	0000	201
0	0	0	0		0	0.94	4	0000)203
0	0	0	0		0	0.94	4	0000	211
0	0	0	0		0	0.95	6	0000	216
0	0	0	0		0	0.78	9	0000	219
0	0	0	0		0	0.78	9	0000)223
0	0	0	0		0	0.91	1	0000)225
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.95	6	0000	
0	0	0	0		0	0.95		0000	
0	0	0	0		0	0.94		0000	
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.91		0000	
0	0	0	0		0	0.96		0000	
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.78		0000	
0	0	0	0		0	0.78		0000	
Weighted Avg.	0.13		0.019	(0.02	8 0.13		0.04	3 0.875

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at <-- classified as

```
0 0 0 0 0 0 0 | c = 0000013
0 0 0 0 0 0 0 | d = 0000014
0 0 0 0 0 0 0 | e = 0000018
0 0 0 0 0 0 0 | f = 0000030
0\ 0\ 0\ 0\ 0\ 0\ 0 | g = 0000040
0 0 0 0 0 0 0 | h = 0000054
0 0 0 0 0 0 0 | i = 0000057
0 0 0 0 0 0 | i = 0000068
0 0 0 0 0 0 0 | k = 0000070
0 0 0 0 0 0 0 | 1 = 0000086
0 0 0 0 0 0 0 | m = 0000094
0 0 0 0 0 0 0 | n = 0000115
0 0 0 0 0 0 0 | o = 0000119
0\ 0\ 0\ 0\ 0\ 0\ |\ p = 0000124
0 0 0 0 0 0 0 | q = 0000126
0 0 0 0 0 0 0 | r = 0000134
0 0 0 0 0 0 0 | s = 0000135
0 0 0 0 0 0 0 | t = 0000142
0 0 0 0 0 0 0 | u = 0000144
0 0 0 0 0 0 0 | v = 0000146
0 0 0 0 0 0 0 | w = 0000160
0\ 0\ 0\ 0\ 0\ 0\ 0\ |\ x = 0000166
0 0 0 0 0 0 0 | y = 0000183
```

```
0\ 0\ 0\ 0\ 0\ 0\ 0 | z = 0000194
0 0 0 0 0 0 0 aa = 0000195
0 0 0 0 0 0 0 | ab = 0000201
0 0 0 0 0 0 0 | ac = 0000203
0 0 0 0 0 0 0 ad = 0000211
0 0 0 0 0 0 0 l ae = 0000216
0 0 0 0 0 0 0 | af = 0000219
0\ 0\ 0\ 0\ 0\ 0\ |\ ag = 0000223
0 0 0 0 0 0 0 | ah = 0000225
0 0 0 0 0 0 0 | ai = 0000230
0 0 0 0 0 0 0 | aj = 0000234
0 0 0 0 0 0 0 | ak = 0000236
0 0 0 0 0 0 0 | al = 0000244
0 0 0 0 0 0 0 am = 0000246
0 0 0 0 0 0 0 | an = 0000257
0 0 0 0 0 0 0 ao = 0000260
0 \ 0 \ 0 \ 0 \ 0 \ 0 \ | \ ap = 0000275
0 0 0 0 0 0 0 | aq = 0000284
0 0 0 0 0 0 0 | ar = 0000287
0 0 0 0 0 0 0 | as = 0000288
0 0 0 0 0 0 0 | at = 0000311
```

User supplied test set Relation: city-res

Instances: unknown (yet). Reading incrementally

Attributes: 5

=== Predictions on test set ===

inst#, actual, predicted, error, probability distribution

=== Summary ===

Total Number of Instances 0
Ignored Class Unknown Instances 1

=== Detailed Accuracy By Class ===

TP R	ate FP	Rate	Precis	ion	Recall	F-Measure	ROC Area	Class
0	0	0	0	0	?	0000003		0.0.00
0	0	0	0	0	?	0000012		
0	0	0	0	0	?	0000013		
0	0	0	0	0	?	0000014		
0	0	0	0	0	?	0000018		
0	0	0	0	0	?	0000030		
0	0	0	0	0	?	0000040		
0	0	0	0	0	?	0000054		
0	0	0	0	0	?	0000057		
0	0	0	0	0	?	0000068		
0	0	0	0	0	?	0000070		
0	0	0	0	0	?	0000086		
0	0	0	0	0	?	0000094		
0	0	0	0	0	?	0000115		
0	0	0	0	0	?	0000119		
0	0	0	0	0	?	0000124		
0	0	0	0	0	?	0000126		
0	0	0	0	0	?	0000134		
0	0	0	0	0	?	0000135		
0	0	0	0	0	?	0000142		
0	0	0	0	0	?	0000144		
0	0	0	0	0	?	0000146		
0	0	0	0	0	?	0000160		
0	0	0	0	0	?	0000166		
0	0	0	0	0	?	0000183		
0	0	0	0	0	?	0000194		
0	0	0	0	0	?	0000195		
0	0	0	0	0	?	0000201		

0	0	0	0	0	?	0000203	
0	0	0	0	0	?	0000211	
0	0	0	0	0	?	0000216	
0	0	0	0	0	?	0000219	
0	0	0	0	0	?	0000223	
0	0	0	0	0	?	0000225	
0	0	0	0	0	?	0000230	
0	0	0	0	0	?	0000234	
0	0	0	0	0	?	0000236	
0	0	0	0	0	?	0000244	
0	0	0	0	0	?	0000246	
0	0	0	0	0	?	0000257	
0	0	0	0	0	?	0000260	
0	0	0	0	0	?	0000275	
0	0	0	0	0	?	0000284	
0	0	0	0	0	?	0000287	
0	0	0	0	0	?	0000288	
0	0	0	0	0	?	0000311	
Weighted Avg.	NaN NaN		٧	NaN	NaN	NaN	NaN

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at <-- classified as

```
0 0 0 0 0 0 0 | 1 = 0000086
0 0 0 0 0 0 0 | m = 0000094
0 0 0 0 0 0 0 | n = 0000115
0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ | \ o = 0000119
0 0 0 0 0 0 0 | p = 0000124
0 0 0 0 0 0 0 | q = 0000126
0 0 0 0 0 0 0 | r = 0000134
0 0 0 0 0 0 0 | s = 0000135
0 \ 0 \ 0 \ 0 \ 0 \ 0 \ | \ t = 0000142
0 0 0 0 0 0 0 | u = 0000144
0 0 0 0 0 0 0 | v = 0000146
0 0 0 0 0 0 0 | w = 0000160
0 0 0 0 0 0 0 | x = 0000166
0\ 0\ 0\ 0\ 0\ 0\ 0\ |\ v = 0000183
0\ 0\ 0\ 0\ 0\ 0\ 0 | z = 0000194
0 0 0 0 0 0 0 | aa = 0000195
0 0 0 0 0 0 0 ab = 0000201
0 0 0 0 0 0 0 | ac = 0000203
0 0 0 0 0 0 0 ad = 0000211
0 0 0 0 0 0 0 | ae = 0000216
0 0 0 0 0 0 0 | af = 0000219
0\ 0\ 0\ 0\ 0\ 0\ |\ ag = 0000223
0 0 0 0 0 0 0 | ah = 0000225
```

```
0 0 0 0 0 0 0 | ai = 0000230
  0 0 0 0 0 0 0 | aj = 0000234
 0 0 0 0 0 0 0 | ak = 0000236
  0 0 0 0 0 0 0 | al = 0000244
  0 0 0 0 0 0 0 | am = 0000246
  0 0 0 0 0 0 0 | an = 0000257
  0 0 0 0 0 0 0 l ao = 0000260
  0\ 0\ 0\ 0\ 0\ 0\ | ap = 0000275
  0 0 0 0 0 0 0 | ag = 0000284
  0 0 0 0 0 0 0 | ar = 0000287
  0 0 0 0 0 0 0 | as = 0000288
  0 0 0 0 0 0 0 | at = 0000311
6. New York:
 The user should go to the "0000011 Le Train Bleu" restaurant.
 === Run information ===
 Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2
 Relation: city-res
 Instances: 410
 Attributes: 5
    restaurant
    atmosphere
    style
    price
    occasion
 Test mode:evaluate on training data
 === Classifier model (full training set) ===
 J48 pruned tree
 atmosphere = An Historic Spot: 0000000 (0.0)
 atmosphere = An Out Of The Way Find: 0000000 (0.0)
```

```
atmosphere = Authentic: 0000000 (0.0)
atmosphere = Buffet Dining: 0000000 (0.0)
atmosphere = Business Scene: 0000000 (0.0)
atmosphere = CafeGarden Dining: 0000000 (0.0)
atmosphere = Classic Hotel Dining: 0000000 (0.0)
atmosphere = Creative: 0000000 (0.0)
atmosphere = Credit cards are not accepted: 0000000 (0.0)
atmosphere = Excellent Decor
| occasion = Game: 0000216 (3.4/2.4)
occasion = After Hours Dining: 0000011 (0.0)
occasion = Catering for Special Events: 0000011 (0.0)
occasion = Dancing: 0000011 (0.0)
occasion = Delivery Available: 0000011 (0.0)
occasion = Dining After the Theater: 0000011 (0.0)
occasion = Dining Outdoors: 0000019 (28.94/27.94)
occasion = Early Dining: 0000011 (0.0)
occasion = Entertainment: 0000068 (27.23/26.23)
occasion = Fine for Dining Alone
| | price = 15-30: 0000011 (2.55/1.55)
| | price = 30-50: 0000793 (4.17/3.17)
| | price = below 15: 0000011 (0.0)
| | price = over 50: 0000354 (0.09/0.04)
occasion = Great Place to Meet for a Drink: 0000163 (3.4/2.4)
occasion = Happy Hour: 0000011 (0.0)
occasion = Late Night Menu
| | price = 15-30: 0000097 (9.52/8.52)
| | price = 30-50: 0000095 (8.97/7.97)
| | price = below 15: 0000095 (0.0)
| | price = over 50: 0000354 (0.23/0.12)
occasion = Long Drive: 0000011 (0.0)
occasion = Margaritas: 0000011 (0.0)
occasion = Menus in Braille: 0001074 (1.7/0.7)
occasion = Open for Breakfast: 0000011 (0.0)
occasion = Open on Mondays: 0000011 (0.0)
occasion = Open on Sundays: 0000011 (0.0)
occasion = Other Quick Food: 0000011 (0.0)
occasion = Parties and Occasions: 0000011 (0.0)
occasion = Picnics: 0000011 (0.0)
occasion = Pre-theater Dining: 0000052 (3.4/2.4)
occasion = Private Parties: 0000011 (0.0)
 occasion = Private Rooms Available: 0000109 (6.81/5.81)
occasion = Prix Fixe Menus
| | price = 15-30: 0000493 (2.52/1.52)
| | price = 30-50: 0000051 (15.97/14.97)
| | price = below 15: 0000051 (0.0)
| | price = over 50: 0000354 (0.23/0.12)
occasion = See the Game: 0000011 (0.0)
occasion = Short Drive: 0000011 (0.0)
```

```
occasion = Special Brunch Menu
| | price = 15-30: 0000440 (2.55/1.55)
| | price = 30-50: 0000278 (4.17/3.17)
| | price = below 15: 0000278 (0.0)
| | price = over 50: 0000354 (0.09/0.04)
occasion = Takeout Available: 0000107 (22.13/21.13)
occasion = Walk: 0000011 (0.0)
occasion = Weekend Brunch: 0000011 (0.0)
occasion = Weekend Dining: 0000023 (11.91/10.91)
occasion = Weekend Jazz Brunch: 0000011 (0.0)
occasion = Weekend Lunch: 0000011 (0.0)
atmosphere = Excellent Food: 0000000 (0.0)
atmosphere = Excellent Service: 0000000 (0.0)
atmosphere = Extraordinary Decor
occasion = Game
| style = A: 0000017 (0.0)
| | style = Southern: 0000017 (0.0)
| | style = French: 0000017 (9.15/8.15)
| | style = Japanese: 0000017 (0.0)
| | style = Southwestern: 0000017 (0.0)
| | style = Swiss: 0000017 (0.0)
| style = Asian: 0000017 (0.0)
| | style = Southeast Asian: 0000017 (0.0)
| | style = International: 0000017 (0.0)
| | style = Southern Comfort: 0000017 (0.0)
| style = Deli: 0000017 (0.0)
| style = Kosher: 0000017 (0.0)
| style = Afghanistan: 0000017 (0.0)
| | style = Argentinean: 0000017 (0.0)
| | style = Eclectic: 0000017 (0.0)
| | style = Continental: 0000017 (0.0)
| | style = Bakeries: 0000017 (0.0)
| | style = Belgian: 0000017 (0.0)
| style = Brasserie: 0000017 (0.0)
| style = Cab: 0000017 (0.0)
style = CafeEspresso Bars: 0000017 (0.0)
| style = Cafeterias: 0000017 (0.0)
| | style = Californian: 0000017 (0.0)
| | style = Wine and Beer: 0000017 (0.0)
| | style = Carry in Wine and Beer: 0000017 (0.0)
| | style = Caviar: 0000017 (0.0)
| | style = Central: 0000017 (0.0)
| | style = Coffee Houses: 0000017 (0.0)
| | style = Coffee Shops: 0000017 (0.0)
| | style = Coffeehouses: 0000017 (0.0)
| style = Czech: 0000017 (0.0)
| style = Diners: 0000017 (0.0)
| | style = Down-Home: 0000017 (0.0)
```

```
| | style = Eastern European: 0000017 (0.0)
| | style = Egyptian: 0000017 (0.0)
| style = English: 0000017 (0.0)
| | style = Fast Food: 0000017 (0.0)
| style = Fondue: 0000017 (0.0)
| | style = Franco-Russian: 0000017 (0.0)
| | style = Frankfurters: 0000017 (0.0)
| | style = French-Japanese: 0000017 (0.0)
| style = Grills: 0000017 (0.0)
| | style = Guatemalan: 0000017 (0.0)
| | style = Hamburgers: 0000017 (0.0)
| | style = Health Food: 0000017 (0.0)
| style = High Tea: 0000017 (0.0)
| | style = Jewish: 0000322 (0.43/0.08)
| style = Latin: 0000017 (0.0)
| | style = Lithuanian: 0000017 (0.0)
| | style = Middle Eastern: 0000017 (0.0)
| style = N: 0000017 (0.0)
| | style = Nicaraguan: 0000017 (0.0)
| | style = Noodle Houses: 0000017 (0.0)
| | style = Noodle Shops: 0000017 (0.0)
| style = Omelettes: 0000017 (0.0)
| | style = Oyster Bars: 0000017 (0.0)
| | style = Pancakes: 0000017 (0.0)
| style = Pastries: 0000017 (0.0)
| | style = Pastry Shops: 0000017 (0.0)
| style = Pizza: 0000017 (0.0)
| | style = Pizzerias: 0000017 (0.0)
| style = Po Boys: 0000017 (0.0)
| | style = Power Brokers: 0000295 (2.49/1.49)
| | style = Roumanian: 0000017 (0.0)
| | style = Russian: 0000017 (0.0)
| | style = Salvadoran: 0000017 (0.0)
| | style = Scottish: 0000017 (0.0)
| | style = Soul Food: 0000017 (0.0)
| style = Soulfood: 0000017 (0.0)
| | style = Steakhouses: 0000017 (0.0)
| | style = Swiss-French: 0000017 (0.0)
| | style = Tacos: 0000017 (0.0)
| style = Traditional: 0000017 (0.0)
| | style = Ukrainian: 0000017 (0.0)
| | style = Ukranian: 0000017 (0.0)
| | style = Venezuelan: 0000017 (0.0)
| style = Yogurt Bar: 0000017 (0.0)
| | style = Yugoslavian: 0000017 (0.0)
occasion = After Hours Dining: 0000003 (0.0)
occasion = Catering for Special Events: 0000003 (0.0)
occasion = Dancing: 0000003 (0.0)
```

```
occasion = Delivery Available: 0000003 (0.0)
occasion = Dining After the Theater: 0000003 (0.0)
occasion = Dining Outdoors: 0000116 (3.62/2.62)
occasion = Early Dining: 0000003 (0.0)
occasion = Entertainment: 0000818 (1.21/0.21)
occasion = Fine for Dining Alone: 0000003 (0.0)
occasion = Great Place to Meet for a Drink: 0000003 (0.0)
occasion = Happy Hour: 0000003 (0.0)
occasion = Late Night Menu: 0000106 (2.41/1.41)
occasion = Long Drive: 0000003 (0.0)
occasion = Margaritas: 0000003 (0.0)
occasion = Menus in Braille: 0000044 (2.41/1.41)
occasion = Open for Breakfast: 0000003 (0.0)
 occasion = Open on Mondays: 0000003 (0.0)
occasion = Open on Sundays: 0000003 (0.0)
occasion = Other Quick Food: 0000003 (0.0)
occasion = Parties and Occasions: 0000003 (0.0)
occasion = Picnics: 0000003 (0.0)
occasion = Pre-theater Dining: 0000003 (0.0)
occasion = Private Parties: 0000003 (0.0)
 occasion = Private Rooms Available: 0000246 (1.21/0.21)
occasion = Prix Fixe Menus
| | price = 15-30: 0000014 (0.0)
| | price = 30-50: 0000014 (3.69/2.69)
| | price = below 15: 0000014 (0.0)
| | price = over 50: 0000046 (2.34/1.34)
occasion = See the Game: 0000003 (0.0)
occasion = Short Drive: 0000003 (0.0)
occasion = Special Brunch Menu: 0000003 (4.83/3.83)
occasion = Takeout Available: 0000181 (1.21/0.21)
occasion = Walk: 0000003 (0.0)
occasion = Weekend Brunch: 0000003 (0.0)
occasion = Weekend Dining: 0000003 (0.0)
occasion = Weekend Jazz Brunch: 0000003 (0.0)
occasion = Weekend Lunch: 0000003 (0.0)
atmosphere = Extraordinary Food: 0000000 (0.0)
atmosphere = Extraordinary Service: 0000000 (0.0)
atmosphere = Fabulous Views: 0000000 (0.0)
atmosphere = Fabulous Wine Lists: 0000000 (0.0)
atmosphere = Fair Decor
occasion = Game: 0000103 (0.0)
occasion = After Hours Dining: 0000103 (0.0)
occasion = Catering for Special Events: 0000103 (0.0)
occasion = Dancing: 0000103 (0.0)
occasion = Delivery Available: 0000103 (0.0)
occasion = Dining After the Theater: 0000103 (0.0)
occasion = Dining Outdoors: 0000687 (1.77/0.77)
occasion = Early Dining: 0000103 (0.0)
```

```
occasion = Entertainment: 0000306 (3.54/2.54)
  occasion = Fine for Dining Alone: 0001005 (1.77/0.77)
  occasion = Great Place to Meet for a Drink: 0000103 (0.0)
occasion = Happy Hour: 0000103 (0.0)
occasion = Late Night Menu: 0000491 (5.31/4.31)
occasion = Long Drive: 0000103 (0.0)
occasion = Margaritas: 0000103 (0.0)
occasion = Menus in Braille: 0000610 (1.77/0.77)
occasion = Open for Breakfast: 0000103 (3.54/2.54)
 occasion = Open on Mondays: 0000103 (0.0)
occasion = Open on Sundays: 0000103 (0.0)
occasion = Other Quick Food: 0000103 (0.0)
occasion = Parties and Occasions: 0000103 (0.0)
  occasion = Picnics: 0000103 (0.0)
occasion = Pre-theater Dining: 0000103 (0.0)
occasion = Private Parties: 0000103 (0.0)
occasion = Private Rooms Available: 0000103 (0.0)
occasion = Prix Fixe Menus: 0001020 (1.77/0.77)
occasion = See the Game: 0000103 (0.0)
occasion = Short Drive: 0000103 (0.0)
occasion = Special Brunch Menu: 0000103 (0.0)
occasion = Takeout Available: 0001086 (1.77/0.77)
occasion = Walk: 0000103 (0.0)
occasion = Weekend Brunch: 0000103 (0.0)
occasion = Weekend Dining: 0001099 (1.77/0.77)
occasion = Weekend Jazz Brunch: 0000103 (0.0)
occasion = Weekend Lunch: 0000103 (0.0)
atmosphere = Fair Food: 0000000 (0.0)
atmosphere = Fair Service: 0000000 (0.0)
atmosphere = Focus on Dessert: 0000000 (0.0)
atmosphere = For the Young and Young at Heart: 0000000 (0.0)
atmosphere = Good Decor
occasion = Game
| | price = 15-30: 0000621 (3.1/2.1)
| | price = 30-50: 0000335 (2.77/1.77)
| | price = below 15: 0001128 (0.03)
| | price = over 50: 0000335 (0.0)
occasion = After Hours Dining: 0000000 (0.0)
occasion = Catering for Special Events: 0000000 (0.0)
occasion = Dancing: 0000000 (0.0)
occasion = Delivery Available: 0000000 (0.0)
occasion = Dining After the Theater: 0000000 (0.0)
occasion = Dining Outdoors
| | price = 15-30: 0000179 (26.2/25.2)
| | price = 30-50: 0000165 (5.09/4.09)
| | price = below 15: 0001128 (0.18)
| | price = over 50: 0000165 (0.0)
occasion = Early Dining: 0000000 (0.0)
```

```
occasion = Entertainment
| | price = 15-30: 0000021 (17.7/16.7)
| | price = 30-50: 0000633 (3.81/2.81)
| | price = below 15: 0001128 (0.12)
| | price = over 50: 0000021 (0.0)
occasion = Fine for Dining Alone: 0000031 (7.87/6.87)
occasion = Great Place to Meet for a Drink: 0000000 (0.0)
occasion = Happy Hour: 0000000 (0.0)
occasion = Late Night Menu
| | price = 15-30: 0000032 (27.3/26.3)
| | price = 30-50: 0000224 (9.86/8.86)
| | price = below 15: 0001128 (0.21)
| | price = over 50: 0000032 (0.0)
occasion = Long Drive: 0000000 (0.0)
occasion = Margaritas: 0000000 (0.0)
occasion = Menus in Braille: 0000000 (0.0)
occasion = Open for Breakfast: 0000008 (3.93/2.93)
occasion = Open on Mondays: 0000000 (0.0)
occasion = Open on Sundays: 0000000 (0.0)
occasion = Other Quick Food: 0000000 (0.0)
occasion = Parties and Occasions: 0000000 (0.0)
occasion = Picnics: 0000000 (0.0)
occasion = Pre-theater Dining: 0000000 (0.0)
occasion = Private Parties: 0000000 (0.0)
occasion = Private Rooms Available
| | price = 15-30: 0000905 (3.1/2.1)
| | price = 30-50: 0000101 (2.77/1.77)
| | price = below 15: 0001128 (0.03)
| | price = over 50: 0000101 (0.0)
occasion = Prix Fixe Menus
| | price = 15-30: 0000060 (8.6/7.6)
| | price = 30-50: 0000067 (7.04/6.04)
| | price = below 15: 0001128 (0.09)
| | price = over 50: 0000060 (0.0)
occasion = See the Game: 0000000 (0.0)
occasion = Short Drive: 0000893 (1.97/0.97)
occasion = Special Brunch Menu
| | price = 15-30: 0000720 (5.8/4.8)
| | price = 30-50: 0000030 (2.02/1.02)
| | price = below 15: 0001128 (0.04)
| | price = over 50: 0000030 (0.0)
occasion = Takeout Available
| | price = 15-30: 0000081 (17.4/16.4)
| | price = 30-50: 0000147 (6.07/5.07)
| | price = below 15: 0001128 (0.13)
| | price = over 50: 0000081 (0.0)
occasion = Walk: 0000000 (0.0)
occasion = Weekend Brunch: 0000000 (0.0)
```

```
occasion = Weekend Dining
| | price = 15-30: 0000173 (9.9/8.9)
| | price = 30-50: 0000748 (3.79/2.79)
| | price = below 15: 0001128 (0.08)
| | price = over 50: 0000173 (0.0)
occasion = Weekend Jazz Brunch: 0000000 (0.0)
occasion = Weekend Lunch: 0000000 (0.0)
atmosphere = Good Food: 0000000 (0.0)
atmosphere = Good Out of Town Business: 0000000 (0.0)
atmosphere = Good Service: 0000000 (0.0)
atmosphere = Good for Younger Kids: 0000000 (0.0)
atmosphere = Great for People Watching: 0000000 (0.0)
atmosphere = Health Conscious Menus: 0000000 (0.0)
atmosphere = Hip Place To Be: 0000000 (0.0)
atmosphere = Little Known But Well Liked: 0000000 (0.0)
atmosphere = Near-perfect Decor
occasion = Game: 0000045 (5.38/4.38)
occasion = After Hours Dining: 0000045 (0.0)
occasion = Catering for Special Events: 0000045 (0.0)
occasion = Dancing: 0000045 (0.0)
occasion = Delivery Available: 0000045 (0.0)
occasion = Dining After the Theater: 0000045 (0.0)
occasion = Dining Outdoors: 0000045 (0.0)
occasion = Early Dining: 0000045 (0.0)
occasion = Entertainment: 0001021 (1.08/0.08)
occasion = Fine for Dining Alone: 0000045 (0.0)
occasion = Great Place to Meet for a Drink: 0000045 (0.0)
occasion = Happy Hour: 0000045 (0.0)
occasion = Late Night Menu: 0000045 (0.0)
occasion = Long Drive: 0000045 (0.0)
occasion = Margaritas: 0000045 (0.0)
 occasion = Menus in Braille: 0000045 (0.0)
occasion = Open for Breakfast: 0000830 (3.23/2.23)
occasion = Open on Mondays: 0000045 (0.0)
occasion = Open on Sundays: 0000045 (0.0)
occasion = Other Quick Food: 0000045 (0.0)
occasion = Parties and Occasions: 0000045 (0.0)
occasion = Picnics: 0000045 (0.0)
occasion = Pre-theater Dining: 0000045 (0.0)
occasion = Private Parties: 0000045 (0.0)
  occasion = Private Rooms Available: 0000161 (1.08/0.08)
occasion = Prix Fixe Menus: 0000045 (0.0)
  occasion = See the Game: 0000045 (0.0)
occasion = Short Drive: 0000045 (0.0)
occasion = Special Brunch Menu: 0000353 (3.23/2.23)
occasion = Takeout Available: 0000045 (0.0)
  occasion = Walk: 0000045 (0.0)
occasion = Weekend Brunch: 0000045 (0.0)
```

```
occasion = Weekend Dining: 0000045 (0.0)
  occasion = Weekend Jazz Brunch: 0000045 (0.0)
occasion = Weekend Lunch: 0000045 (0.0)
atmosphere = Near-perfect Food: 0000000 (0.0)
atmosphere = Near-perfect Service: 0000000 (0.0)
atmosphere = Need To Dress: 0000000 (0.0)
atmosphere = No Liquor Served: 0000000 (0.0)
atmosphere = No Reservations: 0000000 (0.0)
atmosphere = No Smoking Allowed: 0000000 (0.0)
atmosphere = Old World Cafe Charm: 0000000 (0.0)
atmosphere = On the Beach: 0000000 (0.0)
atmosphere = ParkingValet: 0000000 (0.0)
atmosphere = People Keep Coming Back: 0000000 (0.0)
atmosphere = Place for Singles: 0000000 (0.0)
atmosphere = Poor Decor: 0000741 (1.0)
atmosphere = Pub Feel: 0000000 (0.0)
atmosphere = Quiet for Conversation: 0000000 (0.0)
atmosphere = Quirky: 0000000 (0.0)
atmosphere = Relaxed Senior Scene: 0000000 (0.0)
atmosphere = Romantic: 0000000 (0.0)
atmosphere = Singles Scene: 0000000 (0.0)
atmosphere = Tourist Appeal: 0000000 (0.0)
atmosphere = Up and Coming: 0000000 (0.0)
atmosphere = Very Busy - Reservations a Must: 0000000 (0.0)
atmosphere = Warm spots by the fire: 0000000 (0.0)
atmosphere = Wheelchair Access: 0000000 (0.0)
Number of Leaves:
                           344
Size of the tree:
                   365
Time taken to build model: 0.11 seconds
=== Predictions on training set ===
inst#, actual, predicted, error, probability distribution
   1 1:0000000 65:0000165
                              + 0.023 0
                                           0.006 0
                                                      0
                                                                            0
                                                                                0
0.022 0.006 0
                                                                                    0
                              0
                                               0
                                                    0
                                                        0.013 0
                                                                   0
    0
                          0.012 0
                                                      0.023 0
                                                                                0.023 0
        0
                 0
                     0
                                    0
                                             0
                                                  0
                                                                 0.013 0
                                                                            0
                                         0
    0
                 0.023 0
                            0
                                0
                                     0.022 0
                                               0
                                                    0
                                                        0
                                                            0
                                                                 0
                                                                     *0.035 0
                                                                                 0
0.023 0
          0
               0
                   0
                            0
                                     0
                                             0
                                                  0
                                                      0
                                                          0
                                                               0
                                                                   0.021 0
                                0
                                         0
                                                                 0
                 0
                     0
                          0
                              0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                             0
0.023 0
          0.012 0
                     0.012 0.022 0
                                               0
                                                        0
                                                                0.023 0
                                                                                    0
                                      0
                                           0
                                                   0
                                                            0
                                                                           0
                                                                                0
    0
        0
             0
                     0
                          0
                              0
                                   0
                                       0
                                           0
                                               0
                                                    0.013 0
                                                               0
                                                                   0
                                                                       0
                                                                            0
                                                                                0
```

0.023 0

0 0

0 0

0 0

0 0

0.022 0

0.012 0

0 0

```
0.023 0 0 0 0 0 0 0 0
         0 0 0.023 0
      0.023 0
             0
                 0
                   0
                       0 0 0 0 0 0.023 0.032 0.023 0
                                                              0
      0 0.023 0
                 0
                    0
                       0.013 0 0 0 0 0 0 0
0.021 0 0 0 0
                0
                    0
                       0 0 0 0 0 0 0 0 0
0.021 0.023 0 0 0.023 0
                             0
                                0
                                  0.006 0
                                              0
                       0
                          0
                                          0
                                                 0
                                             0 0.023 0
  0 0.006 0 0 0 0.023 0 0.021 0 0
                                      0 0
                                                           0
         0 0
                0 0
                      0 0.023 0 0 0
                                        0
                                           0
                                              0
                                                     0
                                                        0.006 0
   0.006 0.023 0 0 0 0 0
                           0 0
                                  0
                                        0
                                                     0
                                     0
                                           0
                                              0
                                                  0
                                                        0
                                                           0
0.021 0 0 0 0 0 0 0 0.023 0
                                        0
                                     0
                                           0
                                              0
                                                  0
                                                     0
        0 0 0 0
                     0
                        0 0.013 0 0 0
                                         0
                                             0
                                               0
                                                   0
         0 0 0 0 0 0 0 0 0.023 0 0
                                              0
                                                 0
                                                    0
  0.023 0
             0
                0.021 0
                        0
                           0
                               0
                                  0
                                     0
         0
                         *0.207 0
 2 2:0000003 2:0000003
                      0
                                  0
                                     0
                                        0
                                              0
                                                           0
                                           0
                                                 0
                                                    0
                                                        0
0
                                  0
                                     0
                                        0
                                           0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                              0
0
   0
      0
         0
            0
               0
                  0
                      0
                            0
                               0
                                  0
                                     0
                                        0.207 0 0 0
                         0
0
   0
      0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
0
   0
      0
         0.029 0
               0
                    0
                      0
                          0
                            0
                                0
                                  0 0 0 0 0
                                                   0
                                                             0
0
   0
      0
                                0
            0.207 0
                    0
                       0
                          0
                             0
                                   0
                                      0.029 0.207 0
0
   0
      0
         0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0.029 0
                                                   0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
0
   0
      0
         0
            0
                  0
                         0
                               0
                                               0
                                                  0
                                                     0
                                                        0
                                                           0
               0
                     0
                            0
                                  0
                                     0
                                        0
                                           0
0
   0
         0
                     0
      0
            0
               0
                  0
                         0
                            0
                               0
                                  0.029 0
                                         0
                                             0
                                                   0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                           0
                                               0
                                                  0
                                                     0
                                                        0
                                                           0
                                        0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                                  0
                                                           0
                                        0
                                           0
                                              0
                                                     0
                                                        0
0
   0
      0
         0
            0
                  0
                     0
                         0
                               0
                                  0
                                     0
                                                  0
                                                           0
               0
                            0
                                        0
                                           0
                                               0
                                                     0
                                                        0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                              0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
         0
               0
                  0
                     0
                            0
                                  0
                                        0
                                               0
                                                     0
                                                           0
      0
            0
                         0
                               0
                                     0
                                           0
                                                  0
                                                        0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                     0
                                                        0
                                                           0
                                                  0.029 0
   0
      0
         0
            0.029 0 0 0 0 0 0 0
                                         0 0
                                               0
0
  3 3:0000008 3:0000008
                      0.006 0 *0.254 0 0
                                         0 0
                                               0
                                                   0
                                                      0 0 0
            0
              0 0
                     0
                         0
                           0 0
                                  0 0
                                        0.006 0
                                                   0.006 0
0.006 0 0 0.006 0
                     0 0 0 0 0.006 0.006 0.006 0
                                                   0
                                                      0 0.006 0
   0.006 0
          0.006 0.006 0
                                   0
                                         0
                                                      0.006 0
                      0 0 0
                               0
                                      0
                                             0 0
                                                   0
0.006 0
          0 0 0 0
                      0 0 0
                                0
                                      0
                                             0.006 0
                                   0
                                         0
                                                    0 0
      0 0 0.006 0.006 0 0.006 0
                                0
                                  0.006 0 0 0.006 0 0 0
0.006 0
       0
          0.006 0.006 0 0
                          0 0
                                0
                                  0
                                      0.006 0 0 0 0 0.006 0
      0.006 0 0.006 0
                     0 0 0 0
                                 0 0
                                        0 0
                                              0
                                                  0
                                                     0
0
   0
      0
            0 0 0 0
                        0.006 0 0 0 0 0 0 0 0
         0.006 0.006 0
                     0 0
                           0 0
                                  0 0
                                        0 0.006 0.006 0
0
   0
      0
            0.006 0 0.006 0.006 0 0.006 0 0 0.006 0
```

```
0.006 0.006 0
           0.006 0.006 0 0 0
                                                 0 0.006 0
                                                              0.006 0
0.006 0
        0.006 0
                  0
                      0
                          0
                              0
                                  0
                                     0.006 0.006 0.006 0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
               0
                  0
                      0.006 0 0
                                   0 0.006 0
                                                0.006 0
                                                               0
           0.006 0
                      0 0 0
                                  0
                                      0.006 0
                                               0.006 0 0 0.006 0
0.006 0 0
       0.254 0
                           0
                                0
                                        0
                                            0.006 0
                                                             0
                 0
                   0
                        0
                                    0
                                                    0
                                                                0 0.006 0
       0 0 0 0 0.006 0
                                        0
                                            0
                                               0 0 0 0 0
                                0
                                    0
                   0.006 0.006 0
0.006 0 0
            0 0
                                    0
                                        0
                                           0
                                               0.006 0
                                                         0.006 0.006 0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                      0.006 0
                                               0
                                                   0 0
                                                          0 0.006 0
       0
                   0
                        0
                           0.006 0
                                     0.006 0.006 0
                                                   0
0.006 0.006 0.006 0
                                                       0.006 0 0
                                                                    0.006 0
0.006 0 0
            0
                 0
                   0
                        0
                           0
                                0
                                    0
                                        0
                                           0.006 0 0
                                                         0
                                                             0
                                                                0
                                                                    0
                                                                        0
                                                                            0
   0.006 0
             0
                 0.006 0.006 0
                                0
                                    0
                                        0
                                           0
                                               0 0 0
                                                          0
                                                              0.006 0
                                                                            0
       0.006 0.006 0.006 0
                                0
  4 4:0000011 4:0000011
                            0
                               0
                                      *0.392 0
                                                 0
                                                    0
                                                        0
                                                           0
                                                                0
                                   0
                          0
                              0
                                  0.017 0
                                                       0
                                                               0
                   0
                       0
                                           0
                                               0
                                                   0
                                                          0
0
       0
           0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
   0.017 0
             0
                 0
                     0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                         0
0
   0
                          0
                                          0
                                                 0
       0
           0
               0
                   0
                       0
                              0
                                  0
                                      0
                                              0
                                                     0.017 0
                                                               0
                                                                  0
                                                                       0
   0
       0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
0.017 0
         0
             0
                 0
                     0
                        0
                            0
                                0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                          0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                                 0.017 0
                                                           0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                          0
0
   0
       0
           0
               0
                   0
                      0
                          0
                                  0
                                                               0
                              0
                                      0
                                          0
                                              0.392 0
                                                       0
                                                           0
0
   0
       0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                          0
                                                  0
                                                     0
                                                         0
                                                                 0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0.017 0
                                                       0
                                                           0
                                                               0
                                                                       0
0
   0
       0
           0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
0
   0
       0
           0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0.017 0
   0.017 0
                        0
                                        0
            0
                 0
                    0
                           0
                                0
                                    0
                                           0
                                               0
                                                   0
                                                       0
                                                               0
                                      0.017 0
0
   0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
0.017 0
                 0
                     0
                        0
                                        0
                                               0
                                                       0
                                                               0
         0
             0
                            0
                                0
                                    0
                                                   0
                                                           0
                                                                       0
                                                                          0
   0.017 0.017 0
                  0.017 0
                            0
                                0
                                    0
                                        0
                                           0
                                               0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                   0
  5 5:0000014 5:0000014
                                       0
                                           *0.271 0
                                                         0
                            0
                               0
                                   0
                                                     0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                 0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
0
   0
                                                                         0
       0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                         0
                                                                 0
0
   0
           0.047 0
                        0
                           0
                                0
                                    0
                                        0
                                           0
                                               0
                                                       0
                                                               0
                                                                       0
       0
                     0
                                                  0
                                                           0
                                                                  0
0
   0
       0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0.047 0
                                                       0
                                                               0
                                                                       0
           0
               0
                   0
                                                           0
0
   0
       0
                       0
                                              0
           0
               0
                   0
                          0
                              0
                                  0
                                      0
                                          0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
           0
               0
                   0
                           0
                                  0
                                      0
                                          0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                       0
                              0
                                              0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0.271 0
                                0
                                    0
                                        0.047 0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                            0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
```

```
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0.271 0
                                                0
                                                    0
                                                        0
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                     0
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                   0
                                                      0
                                                          0
                                                                  0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                            0
                                               0
                                                              0
                                 0
                                    0
                                        0
                                                   0
                                                      0
                                                          0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                     0
                         0
                             0
                                    0
                                        0
                                           0
                                               0
                                                      0
                                                          0
                                                                     0
                  0
                                 0
                                                   0
                                                              0
                                                                 0
0
   0
       0
           0
              0
                     0
                         0
                             0
                                    0
                                        0
                                            0
                                                   0
                                                      0
                                                          0
                                                                     0
                  0
                                 0
                                               0
                                                              0
                                                                 0
0
   0
       0
           0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                      0
                                                              0
                                                                     0
              0
                                                   0
                                                          0
                                                                 0
0
   0
       0
           0
              0
                  0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                      0
                                                          0
                                                              0
                                                                     0
                     0
                                                   0
                                                                  0
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0.047 0
  6 6:0000017 6:0000017
                                            *0.109 0
                          0
                              0
                                 0
                                    0
                                        0
                                                            0 0 0 0
                                                      0
                                                         0
0
   0
       0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0.109 0 0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0.083 0 0.109 0
0
   0
       0
           0
              0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
0
   0
       0
          0.029 0
                    0
                       0
                          0
                              0
                                 0
                                      0
                                        0 0
                                               0 0
                                                       0 0
                                                              0
                                                                   0
0
   0
       0
          0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
0
                                           0.038 0
   0
       0
          0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                                    0
                                                       0
                                                            0
0
   0
       0
                                            0
                      0
                             0
                                    0
                                        0
                                               0
                                                   0
                                                      0
                                                          0
0
   0
                         0
                                 0.109 0
                                        0
                                             0
                                                0
                                                    0
                                                        0
                                                            0
                                                                   0
       0
          0
              0
                  0
                      0
                             0
0
   0
                              0
                                      0.029 0
                                                                     0 0
       0
           0
              0.109 0
                       0
                          0
                                  0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
0
   0
       0
          0
              0
                                    0
                                        0
                                                                  0
                                                                     0
                  0
                     0
                         0
                             0
                                 0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                     0
0
   0
       0
          0
              0
                     0
                         0
                             0
                                            0
                                               0
                                                   0
                                                      0.109 0
                  0
                                 0
                                    0
                                        0
                                                               0
                                                                   0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                                     0
                                                      0
                                                          0
                                                              0
                                                                  0
0
   0
       0
          0
              0
                     0
                         0
                             0
                                    0
                                        0
                                           0
                                                   0
                  0
                                 0
                                               0
                                                      0
                                                          0
                                                              0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0.109 0
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                    0
                                        0
                                            0
                                               0
                                                      0
                                                          0
                                 0
                                                   0
                                                              0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                     0
0
   0
          0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                     0
       0
           0.029 0
                  0 0 0 0
                                 0 0
                                        0 0
                                                    0
                                                       0.029 0
   0
       0
                                               0
  7 7:0000018 34:0000095 + 0
                               0 0
                                      0
                                        0
                                             0 0.008 0.006 0.008 0 0.006
          0.008 0
                   0 0 0.007 0.006 0
                                             0.004 0 0.006 0
                                                               0.008 0
                                         0
0.007 0 0
            0.008 *0.013 0
                           0 0 0
                                      0
                                          0.006 0.006 0 0 0 0 0 0
0 0.006 0
                       0
                           0.004 0.006 0.008 0 0.008 0.006 0 0.008 0
            0
                0
                    0
                    0.008 0 0.006 0
0.006 0
       0
            0
                0
                                      0
                                         0
                                             0 0.013 0 0 0 0.008
0.006 0
                0
                    0
                       0
                              0
                                      0
                                             0.008 0 0.01 0.008 0 0
            0
                          0
                                 0
                                         0
                                         0.006 0 0
0 0 0
          0.008 0
                   0
                       0
                          0
                              0
                                 0
                                      0
                                                      0.006 0 0 0
0.006 0 0.004 0 0.008 0.006 0.006 0 0
                                         0 0.004 0.006 0 0 0.006 0
0.006 0 0
           0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
0 0.008 0
            0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 0
       0.006 0.008 0
                     0.006\ 0.007\ 0.006\ 0 \quad 0 \quad 0 \quad 0.006\ 0 \quad 0.004\ 0 \quad 0.007\ 0
0 0.004 0
                0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008
0.006 0 0
            0
```

```
0 0.006 0
0.008 0.006 0.008 0 0 0 0
                              0 0
                                                  0
                                                      0 0.008 0.006 0.008
                                                  0.008 0
0 0.013 0
            0.008 0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                           0
                                                               0
                                                                  0.006 0
   0.006 0
            0.006 0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0.008 0
0.008 0.008 0
              0.006 0.007 0.01 0.006 0
                                      0.006 0
                                               0.004 0
                                                        0
                                                            0
                                                                0.01 0
           0.008 0.006 0
                         0.006 0.006 0
                                        0.006 0
                                                  0
                                                     0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                              0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                    0
            0 0.008 0.004 0 0 0 0.004 0
                                               0.008 0
                                                       0.008 0
                                                                 0.008 0
0.006 0
        0.007 0.006 0.008 0
                           0 0
                                   0.008 0 0
                                                0
                                                    0.008 0
                                                             0
0.006 0
            0.004 0 0.006 0.008 0
                                              0.008 0.004 0.006 0.006 0
                                   0
                                       0 0
   0 0.006 0
                0
                   0 0
                          0.006 0
                                    0
                                       0.006 0
                                                0
                                                    0
                                                       0.008 0
                                                                0.004
0.004 0.006 0.004 0
                   0.008 0
                            0
                                0
                                   0.008 0
                                             0
                                                0
                                                    0
                                                       0
                                                           0.006 0
                                                                    0.008
  8 8:0000019 8:0000019
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0.006 *0.035 0.006 0
0
       0.006 0
                0
                       0
                              0
                                 0
                                      0.006 0
                                              0 0
                                                      0.006 0
                   0
                          0
                                        0 0
   0.006 0
                       0
                              0
                                      0
                                                        0 0
                                                               0.035 0 0
0
            0
                0
                   0
                           0
                                  0
                                                0 0
       0
          0.006 0
                   0.006 0 0.006 0
                                     0
                                        0.006 0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                0
                                                                    0.006
   0.035 0
            0
                0
                   0
                       0
                          0
                              0
                                 0
                                      0.006 0
                                              0
                                                  0
                                                      0
                                                          0
                   0 0.006 0 0 0
                                       0 0 0 0.006 0
0
          0.006 0
                                                           0
              0
                 0
                     0
                         0
                             0
                                0
                                    0
                                       0.006 0
                                                0.006 0 0.035 0
0.006 0 0
               0.035 0
                            0.035 0 0
                                             0.006 0.006 0
           0
                         0
                                        0
                                                           0
                                                               0.035 0.006
0.006 0
           0
                0.006 0
                         0.006 0
                                 0.006 0
                                          0
                                              0
                                                 0
                                                      0.006 0
                                                               0
                  0
                         0.035 0.006 0
                                       0
                                               0
                                                  0
                                                      0
                                                                    0.006
          0
              0
                     0
                                           0
                                                         0
                                                             0
                                                                 0
              0.006 0
                       0
                           0.006 0
                                    0.035 0
                                             0.006 0
                                                      0
0.006 0 0
           0
                0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                        0
                                             0
                                                 0
                                                    0
                                                       0 0
                                                              0
                                                                   0
                                                                     0
0.006 0.035 0.006 0
                                                       0.006 0
                       0
                           0
                              0
                                  0
                                      0
                                         0
                                                0
                                                    0
                                                                 0.006 0
   0 0.006 0
                   0
                       0
                                      0
                                             0.006 0
                                                          0
                                                             0
                0
                           0
                              0
                                  0
                                         0
                                                      0
                                                                 0
                                                                    0 0
                                      0
   0.035 0
                0
                   0
                       0
                           0
                              0
                                  0
                                         0
                                             0.006 0
                                                      0
                                                          0
                                                             0
                                                                 0.006
                                    0.006 0
0.006 0
        0
            0
                0
                   0.035 0
                            0
                                0
                                             0
                                                0
                                                    0
                                                        0
                                                           0
                                                               0
0.006 0
                0
                          0 0
                                 0.006 0.035 0
                                                    0
                                                       0.035 0
            0
                   0
                       0
                                                0
          0
                 0
                     0
                                0
                                    0
                                       0
                                           0.006 0
                                                    0
                                                        0
                                                           0.006 0.006 0
       0
              0
                         0
                             0
       0.006 0
                0.006 0
                                  0.006 0
                                                         0.006 0 0
                         0.006 0
                                           0
                                               0
                                                 0
                                                      0
0.006 0 0
           0
                0.006 0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0.006 0
                                                           0.035 0.006 0
          0.006 0.006 0
                            0
                                0
                                       0
                                               0
                                                  0
                                                             0
                         0
                                    0
                                           0
                                                      0
                                                          0
0
   0
       0
          0.006 0
                   0.006 0.006 0.035 0.006 0 0.006 0
                                                     0
                                                         0
                                                             0.006 0 0
                   0.006
       0
          0.035 0
   0
  9 9:0000020 34:0000095
                        + 0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0.008 0.006 0.008 0 0.006
0 0
          0.008 0
                   0 0
                          0.007 0.006 0
                                         0
                                             0.004 0
                                                      0.006 0
                                                               0.008 0
0.007 0
        0
            0.008 *0.013 0
                           0
                               0
                                  0
                                      0
                                          0.006 0.006 0
                                                        0
                                                           0
                                                             0.008 0
   0.006 0
                       0
                           0.004 0.006 0.008 0 0.008 0.006 0
            0
                0
                   0
0.006 0
                   0.008 0
                            0.006 0
                                             0
                                                0.013 0
            0
                0
                                      0
                                         0
                                                        0
0.006 0
            0
                0
                   0
                       0
                           0
                              0
                                      0
                                             0.008 0
                                                      0.01 0.008 0
        0
                                  0
                                         0
                                                                       0
                                         0.006 0
  0 0
          0.008 0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                                  0
                                                      0.006 0
0.006 0
       0.004 0 0.008 0.006 0.006 0
                                     0
                                         0
                                             0.004 0.006 0 0
                                                              0.006 0
0.006 0
                0.008 0.008 0
                              0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
0 0.008 0
            0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0
                                                           0
                                                                0
```

```
0.006 0.008 0 0.006 0.007 0.006 0 0 0 0.006 0 0.004 0
   0.004 0
            0
               0.008 0 0.006 0 0.008 0 0
                                            0.006 0 0 0.008 0.008
                  0.006 0 0 0
                                  0 0 0.006 0 0.006 0
                                                          0
0.008 0.006 0.008 0
                  0 0 0 0 0 0 0.006 0
                                                   0 0.008 0.006 0.008
                                               0
   0.013 0
                                      0
                                         0
                                                0.008 0
            0.008 0
                    0
                       0
                           0
                               0
                                  0
                                             0
                                                         0
   0.006 0
            0.006 0 0 0
                           0
                               0
                                      0
                                         0
                                             0
                                                    0.008 0
                                  0
                                                0
                                                            0
                                                                0 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                    0.006 0
                                             0.004 0
                                                      0
                                                         0
                                                             0.01 0
       0 0.008 0.006 0 0.006 0.006 0
                                      0.006 0
                                                   0.008 0.006 0
                                               0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                            0
                                                0
                                                   0
                                                       0
0.008 0
        0
           0 0.008 0.004 0 0
                               0 0.004 0
                                            0.008 0
                                                     0.008 0
                                                              0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                 0.008 0 0
                                              0
                                                  0.008 0
0.006 0 0 0.004 0 0.006 0.008 0
                                  0
                                     0 0
                                            0.008 0.004 0.006 0.006 0
  0 0.006 0
                  0 0
                         0.006 0
                                      0.006 0
                                                     0.008 0
               0
                                  0
                                              0
                                                  0
0.004 0.006 0.004 0
                 0.008 0
                           0
                              0
                                  0.008 0 0
                                              0
                                                  0
                                                     0
                                                         0.006 0
                                                                 0.008
 10 10:0000021 10:0000021
                          0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                         *0.056 0
                                                                   0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0.007 0
                                                     0
                                                         0.007 0
0.007 0 0 0
               0.007 0
                        0
                           0
                               0
                                  0
                                      0.007 0
                                             0.007 0
                                                       0
                                                          0 0
0.007 0 0.007 0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0.007 0
                                         0.007 0 0
                               0
                                                     0 0.007 0
      0
          0
             0
                 0
                    0
                        0
                           0
                                  0
                                      0
   0.007 0.007 0
                 0.007 0
                         0
                             0.007 0
                                     0
                                         0.007 0
                                                  0
                                                     0
                                                         0
                                                            0.007 0
   0.007 0
           0 0
                  0
                      0
                         0
                             0.007 0
                                      0
                                         0
                                             0 0
                                                   0
                                                       0
                                                          0
                                                              0.007 0
               0
                  0
                      0.056 0
                               0
                                  0.056 0
                                           0
                                              0
                                                  0
                                                     0.007 0
      0 0 0.007 0
                      0
                        0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
0.007 0
           0.056 0 0
                                       0.007 0.007 0
        0
                        0.056 0
                                0
                                    0
                                                     0
   0.007 0
          0.007 0.007 0
                                    0
                                       0
                                           0.007 0
                         0
                             0
                                0
                                                   0
                                                      0
                                                          0
0.007 0.007 0
             0
                0
                    0
                        0.007 0
                                0
                                    0.007 0
                                            0.007 0
                                                     0
                                                         0
      0
             0
                0
                    0.007 0
                             0.007 0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
           0 0 0.007 0 0.007 0
                                              0
                                    0
                                       0
                                           0
                                                  0.007 0 0
                                                             0.007 0
0
             0.007 0
                             0
                                    0
                                           0
                                                  0
                                                        0 0
      0
          0
                      0
                          0
                                0
                                        0
                                              0
                                                      0
                                                                0
             0.007 0
          0
                      0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                      0.056 0 0 0
   0
       0
          0.056 0 0
                      0
                          0
                             0
                                0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                      0
                                                         0.007 0.007
0.056 0
               0.007 0
                           0.007 0
                                       0
        0
            0
                        0
                                    0
                                           0
                                              0
                                                  0
                                                         0
   0
      0.007 0
               0
                      0
                         0
                             0.007 0
                                      0 0
                                            0.007 0
                                                     0.007 0
                  0
                                                              0
0.007 0 0.007 0.007 0
                         0.007 0
                                  0
                                     0.007 0
                                              0.007 0
                      0
                                                      0
                                                          0
             0.007 0
                             0
                                0
                                    0
                                           0
                                                  0.007 0.056 0
      0
          0
                      0
                          0
                                        0
                                              0
                                                  0
0.056 0 0 0 0 0
                      0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                     0.007 0.007 0.007 0
0
   0
 11 11:0000023 11:0000023
                                 0
                                           0
                                              0.006 0
                                                        0.006 0
                          0
                              0
                                     0
                                        0
                                                                *0.084
                             0
                                 0
                                    0
                                        0.006 0
                                                   0
          0.006 0
                   0
                      0
                          0
                                                0
                                                       0.006 0
0
      0.006 0
               0
                      0
                          0
                             0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
   0
                   0
                                0
                                                                   0
             0.006 0.084 0.006 0
                                0.006 0
                                        0 0.006 0
                                                     0
0.006 0 0
          0
               0
                 0 0
                         0
                             0
                                0
                                    0
                                       0.006 0 0
                                                    0
                                                       0 0
                                                              0
                                                                  0 0
             0.006 0
                      0
                         0.006 0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0.006 0
0
   0
             0
                0 0
                       0
                           0
                              0
                                  0
                                     0
                                         0.006 0 0.006 0 0 0 0
```

0 0 0 0 0 0.006 0.006 0 0 0 0.006 0.006 0.006 0 0.006 0 0.006 0 0.006 0 0.006 0 0.084 0 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0.006 0.006 0 0.084 0 0.006 0 0 0 0.006 0.084 0.006 0 0.006 0 0.006 0 0.006 0 0 0.006 0.006 0 0.006 0 0.006 0 0.006 0 0.084 0 0.006 0 0 0.006 0.006 0 0.006 0 0.006 0.006 0 0.006 0 0 0 0 0 0.006 0 0.006 0 0.006 0.006 0 0.006 0 0.006 0.006 0 0 0 0 0.006 0 0.006 0 0.006 0 0 0.006 0 0.006 0.022 0 12 12:0000030 12:0000030 0.022 0 0.022 0 0.022 0 0.022 0

0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 0.022 0 13 13:0000031 13:0000031 0.006 0 *0.127 0 0.006 0 0.006 0 0 0.006 0 0.006 0 0.006 0.006 0.006 0 0.006 0 0.006 0 0.006 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0.006 0.006 0.006 0 0.006 0 0.006 0 0.006 0 0.006 0 0 0.006 0.006 0 0.006 0 0 0 0.006 0

```
0.006 0
              0.006 0
                     0
                         0 0 0 0 0 0 0 0 0 0
0
            0
               0
                     0
                         0.006 0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                      0
                                                             0
0
         0.006 0.006 0
                     0
                         0
                            0 0 0 0
                                        0 0
                                               0.006 0.006 0
            0.006 0 0.006 0.006 0 0.006 0
0
   0
      0
                                        0.006 0
                                                0
                                                   0.006 0
                                                              0
                            0.006 0.006 0
   0
         0.006 0.006 0
                     0
                         0
                                        0 0.006 0
                                                   0.006 0
0.006 0 0.006 0
                     0
                            0 0.006 0.006 0.006 0
               0
                  0
                         0
                                                0
                                                      0
                                                             0
                                                   0
      0
         0
            0
               0
                  0.006 0 0
                            0 0.006 0
                                        0.006 0
                                                0
                                                   0
0.006 0
          0.006 0
                           0 0.006 0 0.006 0 0
                                                 0.006 0
                                                             0
       0
                     0
                        0
                                                          0
                  0
                                  0.006 0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                         0.127 0
                                                  0
         0
            0
               0
                  0.006 0
                          0
                            0 0
                                   0
                                      0
                                          0 0
                                               0
                                                   0
         0 0.006 0.006 0
                            0 0
                                   0
                                       0.006 0.127 0.006 0.006 0
              0 0 0 0 0
                                 0.006 0 0 0 0 0
                                                      0.006 0 0
      0
         0
            0
                       0 0.006 0
                                 0.006 0.006 0
   0.006 0.006 0.006 0
                    0
                                              0
                                                 0.006 0
0.006 0 0.006 0 0 0 0 0 0
                                  0 0 0 0.006 0
                                                   0
                                                      0.127 0
        0 0.006 0 0 0.006 0.006 0 0
                                         0 0 0
                                                   0
                                                      0
   0 0
                                      0
          0 0 0 0.006 0.006 0.006 0
       0
                                    0
                                        0
 14 14:0000032 14:0000032
                        0
                          0
                              0
                                0 0 0 0
                                            0
                                                 0
                                                    0 0
*0.037 0 0 0 0
                 0
                     0
                        0.037 0
                               0
                                  0
                                     0
                                        0.008 0
                                                 0
                                                    0.008 0
                                  0.008 0
0.008 0 0 0
              0.008 0
                     0
                         0
                            0
                               0
                                          0.008 0
                                                  0
                                                     0
0.008 0 0.008 0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0 0 0 0
                                                  0.008 0
     0
                      0
                               0
                                     0.008 0
                                             0.037 0.037 0.008 0
   0
        0
            0
               0
                  0
                         0
                            0
                                  0
      0.008 0.008 0
                  0.008 0
                          0
                            0.008 0
                                        0.008 0.037 0 0
0.008 0
      0
         0
              0.008 0
                     0
                        0
                            0
                               0
                                  0
                                     0.008 0 0 0 0
                                                     0
          0.008 0
                                  0
   0.008 0
                  0
                     0
                         0
                            0
                               0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
0
            0
                     0.008 0 0 0 0 0
                                         0 0 0 0
      0
         0
              0
                  0
   0.037 0
          0.008 0
                  0
                     0
                        0
                           0 0
                                  0
                                     0
                                        0 800.0 800.0
         0.008 0 0.008 0.008 0 0
                                   0
                                      0
                                         0
                                             0.008 0
                     0 0.008 0 0
                                   0.008 0 0.008 0 0
   0.008 0.008 0
               0
                  0
                  0
                     0.008 0 0.008 0 0
                                        0 0
                                              0 0
0
               0
                                                     0
      0.008 0 0 0.008 0
                           0.008 0
0
                                   0
                                      0 0 0 0.008 0
0
         0 0 0.008 0 0 0 0.037 0
                                     0.037 0
                                             0
                                               0
                                                   0
                                                      0
                                                          0
                   0.008 0
   0.037 0
          0
              0
                 0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                  0
            0
              0 0 0 0
                            0
                               0
                                 0
                                     0
                                        0
                                            0.037 0 0
                                                          0.008
                0.008 0 0
                           0.008 0.037 0
                                           0.037 0
         0
              0
                                        0
         0
            0.008 0 0 0 0
                             0 0.008 0
                                        0
                                           0
                                               0.008 0
                                                      0.008 0
      0
          0.008 0.008 0
                      0 0.008 0 0 0.008 0 0.008 0 0
   0.008 0
0
               0
                  0.008 0 0 0 0 0 0 0 0 0.008 0
         0
            0
0
   0
      0
            0
               0
                  0
                     0 0 0 0 0
                                        0
                                           0 0 0.008 0.008 0.008
 15 15:0000043 34:0000095
                     + 0
                          0
                             0
                                  0
                                    0
                                        0
                                           0.008 0.006 0.008 0
              0.008 0
                     0 0
                           0.007 0.006 0
                                        0
                                           0.004 0 0.006 0
      0.007 0
                 0.008 *0.013 0 0 0 0
                                      0
                                          0.006 0.006 0 0 0
                                                           0
              0
         0.006 0
                    0
                      0 0
                            0.004 0.006 0.008 0
                                              0.008 0.006 0
                                                           0.008
   0.006 0
          0 0
                 0
                   0.008 0 0.006 0 0
                                      0 0 0.013 0 0 0
                                                           0.008
```

```
0 0 0
                     0
                         0
                            0
                                 0
                                    0
                                        0
                                            0
                                                0.008 0
                                                          0.01 0.008 0 0
   0 0
           0.008 0
                     0
                         0
                            0
                                 0
                                    0
                                        0
                                            0.006 0 0
                                                          0.006 0
        0.004 0 0.008 0.006 0.006 0
                                        0
                                            0
                                                0.004 0.006 0
0.006 0
             0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
                          0.007 0
                                   0.008 0 0.01 0.007 0
             0.004 0
                      0
                                                            0
       0.006 0.008 0 0.006 0.007 0.006 0 0 0 0.006 0
                                                            0.004 0 0.007 0
                          0.006 0 0.008 0
   0.004 0
                 0.008 0
                                            0 0.006 0 0
                                                               0.008 0.008
0.006 0
        0
                    0.006 0
                              0 0
                                      0
                                          0 0.006 0
                                                       0.006 0 0
             0
                 0
                                                                    0 0
0.008 0.006 0.008 0
                           0
                                0
                                        0
                                           0.006 0
                                                         0 0.008 0.006 0.008
                    0
                        0
                                   0
                                                     0
   0.013 0
             0.008 0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0.008 0
                                                               0
                                                                   0
                                                                       0.006 0
   0.006 0
             0.006 0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0 0.004 0
                                                            0
                                                               0
                                                                    0.01 0
            0.008 0.006 0
                           0.006 0.006 0
                                           0.006 0
                                                         0.008 0.006 0
                                                     0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                                  0
                                                     0
                                                         0
                                                                 0
                                                                         0
                                                             0
                                                                     0.008 0
0.008 0
             0 0.008 0.004 0 0 0 0.004 0
                                                  0.008 0
                                                           0.008 0
0.006 0
         0.007 0.006 0.008 0
                             0 0
                                     0.008 0 0
                                                   0
                                                        0.008 0
                                                                 0
0.006 0
            0.004 0 0.006 0.008 0
                                          0 0
                                                  0.008 0.004 0.006 0.006 0
                                      0
                            0.006 0
   0 0.006 0
                 0
                    0
                        0
                                      0
                                          0.006 0
                                                    0
                                                        0
                                                           0.008 0
                                                                     0.004
0.004 0.006 0.004 0
                     0.008 0
                                                               0.006 0
                              0
                                  0
                                      0.008 0
                                                0
                                                    0
                                                        0
                                                           0
                                                                         0.008
  16 16:0000044 16:0000044
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
       *0.414 0
0
                  0
                     0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                            0
                                                                 0
                                                                    0
                                                                            0
                         0
0
    0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                          0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
                                        0
                                                0
                                                                  0
    0
       0
           0.029 0
                         0
                             0
                                 0
                                    0
                                            0
                                                    0.414 0
0
    0
                                              0.029 0
                                                        0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                                            0
                                                                0
                                                                        0
                                                                            0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                              0.029 0
                                                        0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                               0
0
    0
       0
               0
           0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0
0
    0
       0
               0
                       0
                           0
                               0
                                       0.029 0
           0
                   0
                                   0
                                                0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
                                                                            0
0
    0
           0
                           0
       0
               0
                   0
                       0
                               0
                                   0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
       0
               0
                       0
                           0
                               0
           0
                   0
                                   0
                                      0
                                           0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                      0
                                          0
                                              0
                                                  0
                                                          0
                                                              0
                                                                  0
                                                                          0
                                                      0
                                                                      0
0
    0
       0
               0
                       0
                               0
                                      0
                                              0
                                                      0
                                                              0
                                                                      0
                                                                          0
           0
                   0
                           0
                                   0
                                          0
                                                  0
                                                          0
                                                                  0
0
    0
           0
                           0
                                          0
                                              0
                                                  0
                                                          0
                                                                  0
                                                                          0
       0
               0
                   0
                       0
                               0
                                   0
                                      0
                                                      0
                                                              0
                                                                      0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                      0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                            0.029 0
    0
        0
           0.029 0
                     0
                         0
                            0
                                 0
                                        0
                                                0
                                                        0
                                     0
                                            0
                                                    0
  17 17:0000045 17:0000045
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                     0
    0
       0
           *0.186 0
                     0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                        0
                                                                            0
0
0
    0
       0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                          0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
```

```
0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
                         0
                                           0
0
   0
       0
          0
              0
                  0
                     0
                             0
                                0
                                    0
                                       0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0.186 0.186 0
                  0
                     0
                         0
                                0
                                    0
                                       0
                                               0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                    0
              0
                             0
                                           0
                                                  0
                                                                        0
   0
       0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
           0
0
   0
       0
           0
              0
                     0
                         0
                             0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
                  0
                                0
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
0.186 0
        0
           0
                0
                  0 0
                         0
                              0
                                 0
                                      0
                                        0 0
                                               0
                                                    0
                                                      0 0
                                                              0 0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0.186 0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                              0
                                0 0
0.071 0 0
           0
                0
                  0 0
                         0
                                        0 0
                                               0
                                                    0
                                                      0 0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
  18 18:0000046 18:0000046
                           0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                                0
              *0.426 0
                               0
                                   0
                                      0
                                          0
                                                        0
                                                                0
                                                                       0
0
   0
       0
          0
                       0
                           0
                                             0
                                                 0
                                                     0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
0
   0
       0
              0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
          0
                  0
0
   0
          0
                                                      0
                                                             0
                                                                     0
       0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                          0
                                                                 0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0.074 0
                                                    0
                                                       0
                                                           0
                                                              0
                                                                   0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
                                               0
                                                   0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                                          0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                             0
                                                                 0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0.426 0
0
   0
          0
              0
                  0
                         0
                             0
                                0
                                       0
                                           0
                                               0
                                                      0
                                                          0
                                                                     0
       0
                     0
                                    0
                                                  0
                                                             0
                                                                 0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
          0
              0
                  0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                     0
       0
                     0
                                                                 0
0
                         0
                                        0
   0
       0
          0
              0
                  0
                     0
                             0
                                0
                                    0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
          0.074 0 0 0 0 0 0 0 0 0 0 0 0
  19 19:0000051 19:0000051
                           0 0 0 0 0 0 0.007 0 0.007 0
   0
       0.007\ 0\quad 0\quad 0\quad ^*0.063\ 0\quad 0\quad 0\quad 0\quad 0\quad 0\quad 0.007\ 0
                                                               0
                                                                   0.063
0
                      0
                              0 0 0 0 0 0
                          0
   0
       0 0 0 0 0.007 0
                             0.007 0 0 0.007 0
                                                    0
                                                       0
                                                           0
                                                               0
0.007 0 0 0
                0 0
                       0
                          0
                              0
                                 0 0 0.007 0 0
                                                      0
                                                          0
                                                             0
   0 0 0 0.007 0 0 0.007 0 0 0 0 0 0 0.007 0
                                                              0
```

```
0 0.008 0.008 0 0.008 0 0 0.008 0 0 0.008 0.037 0 0 0.037
0.008 0 0
         0 800.0
                   0 0 0 0 0 0.008 0 0 0
         0.008 0
                 0
                   0 0 0 0 0 0 0 0 0 0 0 0.008 0
                 0 0.008 0 0 0 0 0 0 0 0 0 0
     0 0 0 0
         0.008 0
                 0 0 0 0 0 0 0 0 0.008 0.008 0
     0
  0.008\ 0.008\ 0 \quad 0 \quad 0 \quad 0.008\ 0 \quad 0 \quad 0.008\ 0 \quad 0 \quad 0 \quad 0 \quad 0
        0 0 0 0 0.008 0 0.008 0 0 0
                                          0 0 0 0 0 0
     0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008
0
        0 0 0.008 0 0 0 0.037 0 0.037 0 0 0 0 0 0
  0.037 0 0 0 0 0.008 0 0 0
                                  0
                                     0 0 0 0 0 0 0
     0 0 0 0 0 0 0
                            0 0
                                  0
                                    0
                                        0.037 0 0 0 0.008
0.008 0
         0 0 0.008 0 0 0.008 0.037 0
                                    0
                                      0.037 0 0
  0 0 0 0.008 0 0 0 0 0.008 0 0 0 0.008 0
                                                 0.008 0 0
        0.008 0.008 0 0 0.008 0 0 0.008 0 0.008 0 0 0.037 0
                 0.008 0 0 0 0 0 0 0 0 0 0.008 0 0
           0
             0
           0
             0 0 0 0 0 0 0 0 0 0 0 0.008 0.008
     0
0
  0
     0
 22 22:0000060 22:0000060
                      0 0 0 0 0 0 0 0
                                              0 0 0 0
                   0 *0.116 0
              0
                 0
                             0 0
                                   0.01 0 0 0.01 0 0 0.01
           0
0 0 0
                    0 0
                          0.01 0 0.01 0 0 0 0
        0.01 0
              0
                 0
                                                0
                                                  0
0 0.01 0 0
              0
                 0
                    0
                      0
                          0
                            0 0 0 0 0.01 0
       0
           0 0 0
                   0
                      0 0 0.01 0 0 0
                                        0.01 0
                                                    0.116
                                              0
                   0.01 0 0 0.01 0
0.01 0.01 0 0.01 0 0
                                   0
                                      0
                                         0
                                            0.01 0
0.01 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.01 \ 0 \quad 0 \quad 0 \quad 0 \quad 0
                                         0 0 0.01 0 0.01
        0
             0
                 0
                   0
                      0 0 0 0 0 0.01 0
                                           0 0
           0
     0.01 0 0 0 0 0 0 0 0 0
                                      0
                                         0
                                            0
                                              0
                                                 0 0.01 0
        0 0 0 0 0 0.01 0.01 0 0 0 0 0
0.01 0.01 0 0 0 0 0 0.116 0.01 0 0 0 0
                                           0
                                              0.01 0.01 0
     0 0.01 0 0 0.01 0
                        0.01 0 0 0 0 0 0
                                                0
     0.01 0
            0.01 0
                 0 0 0 0 0 0 0 0 0 0 0 0.01 0
     0.01 0
            0.01 0
                           0
                             0.01 0
                                     0
                  0
                     0
                        0
                                        0.01 0
                                              0
                                                 0
0.01 0
     0
         0
               0
                    0
                          0
                             0
                               0 0 0
            0
                 0
                       0
                                         0
                                           0
                                              0
                                                 0
0.01 0
                    0
         0
            0
               0
                  0
                       0
                          0
                             0
                                0
                                  0
                                      0
                                         0
                                            0
                               0
                                  0.01 0.01 0
                                           0 0 0
        0
           0 0
                 0
                    0
                      0
                        0
                            0
                                                    0.01
     0.01 0 0 0 0 0 0 0 0 0
                                      0 0
                                           0 0.01 0
     0.01 \ 0 \quad 0 \quad 0.01 \ 0 \quad 0.01 \ 0 \quad 0 \quad 0.01 \ 0 \quad 0.01 \ 0 \quad 0.01 \ 0
        0.01 0 0.01 0 0 0 0 0
                                    0 0 0 0 0.01 0 0
                   0.01 0 0 0 0 0 0 0 0 0 0 0
     0 0
           0 0 0
                   0.01 0.01 0.01 0 0
             0 0
                                    0
 23 23:0000065 168:000049
                   + 0 0
                           0 0.017 0 0 0.004 0.006 0.004 0
0.006\ 0 \quad 0 \quad 0.004\ 0 \quad 0 \quad 0 \quad 0.006\ 0 \quad 0 \quad 0.013\ 0 \quad 0.006\ 0 \quad 0.004\ 0
       0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 0 0 0
0 0.006 0 0 0 0 0.013 0.006 0.004 0 0.004 0.006 0 0.004 0
```

```
0.006 0 0 0 0 0.004 0 0.006 0 0 0 0
                                                0 0
                                                          0.004 0.006
             0
               0
                    0
                      0
                          0
                             0 0
                                    0.004 0
                                            0
                                                0.004 0
                                                        0
                                                           0
   0.004 0 0 0 0 0 0 0 0.006 0 0 0.006 0
                                                  0 0.012 0.006 0
0.004\ 0 0.004\ 0.006\ 0.006\ 0 0 0.013\ 0.006\ 0 0 0.006\ 0 0
                                                             0.006 0
                   0.006 0.006 0.004 0.004 0
      0.004 0.004 0
                                          0.006 0.006 0.004 0
0.017 0.013 0 0 0
                   0.012 0.004 0
                                    0 0
                                           0
                                0
                                             0
                                                 0
                                                    0 0
                                                          *0.046 0
0.006 0.004 0 0.006 0 0.006 0
                             0
                                0
                                    0.006 0 0.004 0.017 0
0.013 0 0 0.004 0 0.006 0 0.004 0
                                    0 0.006 0 0
                                                   0.004 0.004 0.006 0
                                         0.006 0
        0.006 0 0 0.012 0 0 0.006 0
                                                0 0
                                                        0
0.006 0.004 0 0 0.017 0
                       0 0
                              0 0.006 0
                                          0
                                             0
                                                 0.004 0.006 0.004 0
      0.004 0 0 0 0
                       0
                            0
                              0 0 0 0.004 0
                                                 0
0
                        0.006 0
0.004 0.004 0 0.006 0
                     0
                                0.006 0
                                         0.013 0.012 0.012 0
      0.004 0.006 0 0.006 0.006 0
                                0.006 0
                                         0
                                            0.004 0.006 0
                                                         0.006 0.006
           0.006 0.006 0
                                  0 0
                       0 0 0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                          0
      0.004 0.013 0
                   0 0.012 0.013 0 0.004 0
                                            0.004 0
                                                    0.004 0
                                                             0.006 0
   0.006 0.004 0
               0
                   0
                       0.004 0
                              0
                                  0 0.004 0
                                             0 0
                                                          0.006 0
                                                     0 0
   0.013 0
           0.006 0.004 0 0 0
                              0
                                  0.004 0.013 0.006 0.006 0
                                                         0
                                           0.004 0 0.013 0.013 0.006
0.006 0
                  0.006 0 0 0.006 0
                                     0
                                         0
                       0.004 0
0.013 0
        0.004 0
                0
                   0
                              0.012 0 0 0 0.006 0
                                                      0.004
                         0.013 0
 24 24:0000067 24:0000067
                                 0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                                     0
                                                            0
                    0
                       0
                          0
                             0
                                 0 *0.142 0 0
                                                0
                                                    0
                0
0
   0
      0
          0
                0
                    0
                       0
                          0
                             0
                                 0.013 0 0.142 0
                                                 0
                                                     0.013 0
             0
0
      0.013 0
              0
                  0
                     0
                        0
                            0
                               0
                                   0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0.013 0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
0
   0
      0
         0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0.013 0
0
   0
      0
         0
             0
                0
                    0
                       0
                          0
                              0.013 0
                                     0
                                        0
                                            0
                                                0
                                                       0
                                                                 0
                                                   0
0
   0
      0
          0
             0
                0
                    0.142 0 0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
0
   0
      0
          0
             0
                                           0.013 0
                                                       0
                                                                 0
                0
                    0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                                   0
                                                          0
                                                             0
   0
0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                       0
0.013 0
        0
           0
              0
                 0 0
                       0
                            0
                              0 0 0 0
                                           0 0 0.013 0 0
                0.013 0
                        0.013 0
                                    0
                                           0
                                                 0
   0
             0
                                 0
                                       0
                                              0
                                                     0.013 0
0.142 0
        0
              0
                     0
                            0
                                  0 0 0
                                                0
                                                      0 0
           0
                  0
                        0
                              0
                                           0
                                                  0
                                           0.013 0
                                                      0.013 0 0
0
   0
      0
             0
                    0
                          0
                             0
                                 0
                                    0
                                       0
                                                   0
                                           0
                                                  0
                                                     0
                                                        0.013 0
0
   0
      0
          0
             0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                              0
0
      0
                                   0
                                     0 0
                                            0
                                                0
                                                   0
                                                      0
                                                         0
   0
          0
             0
                0.013 0
                        0
                            0
                              0
                                                             0.013 0
0
   0
      0
         0
             0
                                    0.013 0
                                                0
                                                   0
                                                       0
                                                             0
                0
                    0
                       0
                          0
                              0
                                 0
                                            0
                                                          0
                                                                 0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0.013 0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0.142 0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                            0.013 0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0.013 0
                                   0
                                     0
                                         0
                                            0
                                                0 0
                                                       0
                                                         0
 25 25:0000068 25:0000068
                         0
                             0
                                0
                                   0
                                      0
                                             0.006 0
                                                      0.006 0
                                         0
      0.006 0
              0
                  0
                     0
                        0
                            0
                               0
                                   0.006 0
                                          *0.037 0
                                                    0.006 0
0
   0
      0.006 0
              0
                  0
                     0
                        0
                            0
                               0
                                   0
                                     0 0
                                            0 0
                                                   0 0 0 0 0
```

```
0 0.006 0
                    0.006 0 0.006 0 0
                                        0.006 0
                                                0
0.006 0
       0
           0
              0
                0
                     0
                        0
                           0
                              0
                                  0 0.006 0
                                            0
                                                0
                                                   0
                                                       0
            0.006 0
                     0
                        0.006 0
                                0 0
                                      0
                                          0
                                             0
                                                0.006 0
                             0 0.037 0
                                         0.006 0
      0
         0.037 0
                0
                     0
                        0
                           0
                                                 0.006 0.037 0
                                                               0
      0.006 0
              0
                     0
                        0
                           0
                              0
                                  0
                                    0 0
                                           0.006 0.006 0
0.006 0.006 0 0.037 0
                    0.006 0
                            0.006 0
                                    0.006 0
                                           0
                                                0
                                                   0
                                                      0.006 0
            0 0
                   0
                      0
                         0
                             0
                                0.006 0
                                        0.037 0
                                                0
                                                   0
0.006 0
          0 0.006 0
                             0.006 0
                                           0.006 0
       0
                         0
                                     0
                                        0
                                                   0
                                                      0
                                                          0
0.006 0.006 0 0 0
                      0
                         0.037 0
                                 0
                                     0
                                        0
                                           0 0.037 0
  0
      0.006 0
             0.006 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0.037 0
                                                 0 0
                                                        0.006 0
       0
          0
              0.006 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0
                                             0
                                                0.006 0
      0
         0 0
               0
                   0
                      0
                          0
                                          0
                                             0
                                                0.006 0
                             0
                                0
                                   0
                                       0
                      0
                             0.037 0
0.006 0.006 0 0
                0
                   0
                         0
                                    0.006 0
                                             0
                                                0
0.006 0
       0
          0.037 0.037 0 0.037 0 0 0.006 0 0 0
                                                     0
              0 0 0
0.037 0
           0
                       0 0
                             0 0 0 0
                                          0 0.006 0
                                                      0
0.006 0
              0.006 0 0.006 0
                             0.006 0 0.006 0
                                                        0.037 0.006
           0
                                              0
                                                 0
                                                     0
        0.006 0 0 0 0.006 0 0 0 0 0 0 0
                                                      0.006 0
          0 0 0.006 0.006 0 0 0
0.006 0 0
                                        0
                                          0
                                              0
                                                  0
                                                     0
                                                        0
                                                               0
            0 0.006 0
                          0.006 0.006 0
                                       0.006 0 0.006 0
0.006 0 0
         0 0 0 0 0
                           0.006
 26 26:0000071 215:000062
                      + 0
                            0
                               0.006 0 0 0 0
                                                 0 0
                                                        0.007 0
0.006 0.008 0 0 0
                   0 0 0
                            0.008 0.01 0
                                         0 0.008 0
                                                        0.008 0.008
      0.008 0 0 0.008 0
                             0
                                0 0 0
                                          0.008 0
                                                  0.008 0 0 0 0
      0.008 0
              0.800.0
                      0
                                          0.008 0
                         0
                             0
                                0
                                   0
                                      0
                                                  0
0.008 0 0
          0.007 0 0 0 0.007 0.007 0 0
                                         0.007 0.008 0 0
                                                        0.008 0
                0 0 0.01 0.008 0.008 0
0.008 0.008 0.008 0
                                         0.008 0
                                                 0
                                                    0.008 0
0.008 0.008 0
            0
                0.008 0.008 0
                            0 0.008 0
                                           0 0
                                                 0
                                                     0
                                                        0.007 0.008
                      0 0.008 0 0.008 0 0 0 0.007 0
   0
      0
             0
                0
                                                        0.007 0
0.007 0.008 0
            0
                   0.008 0 0 0
                                 0
                                    0
                                        0
                                          0 0
                                                  0.008 0
                0
                                                          0
                         0 0.008 0 0.008 0 0 0.007 0
   0
         0
             0
                0
                      0
      0.008 0.008 0
                   0
                      0
                         0
                            0 0 0 0.008 0 0.008 0
      0.01 0.008 0
                                     0.008 0.008 0.007 0.008 0
                  0.008 0.008 0
                               0 0
0.008 0 0
           0.008 0
                   0.008 0 *0.011 0.008 0
                                        0
                                           0 0
                                                 0 0 0.007 0
           0.008 0.007 0 0
                           0 0
                                           0.007 0 0.007 0
   0.008 0
                                 0
                                    0
                                        0
   0.008 0.008 0.008 0 0 0 0.008 0
                                        0.008 0 0
                                                   0.008 0
                                                           0.007 0
0.008 0
      0.008 0 0 0.007 0.008 0 0.008 0
                                                 0.006 0.008 0 0
                                        0
                                          0 0
0.008 0 0
          0 0 0.008 0 0.006 0
                                 0
                                    0
                                        0
                                          0
                                              0
                                                  0
                                                     0
                                                        0.007 0 0
         0 0
               0.007 0 0 0 0.008 0 0 0
                                                0.008 0
0.008 0.008 0.007 0
                0.006 0.011 0.008 0.006 0 0.008 0.008 0 0
                                                        0.008 0.007
                   0.008 0
                          0.008 0
                                   0 0
                                         0.007 0
                                                  0.008 0
         0
               0
0.008 0 0.008 0
               0
                   0
                      0.008 0 0.008 0.008 0 0
                                              0.008 0 0.008 0.008 0
0.008 0
        0
          0.008 0
                      0 0 0 0 0 0.008 0
                                              0
                                                  0.006 0
                   0
      0.008 0.007 0
                   0
                      0
                         0.007 0 0 0 0 0
                                              0
                                                     0
                                                        0
         0.008 0.008 0.008 0 0
      0
```

```
0.008 0 0 0 0 0 0 0 0
                                              0.008 0 0
   0
      0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0.008 0.008 0.008 0
 29 29:0000082 215:000062
                                0.006 0
                                                           0.007 0
                        + 0
                              0
                                          0
                                             0
                                               0 0 0
0.006 0.008 0 0
                0 0
                              0.008 0.01 0
                                           0 0.008 0
                                                          0.008 0.008
                       0
                           0
      0.008 0
              0
                 0 0.008 0
                              0
                                  0
                                     0
                                        0
                                            0.008 0
                                                    0.008 0
                                                            0
      0.008 0
               0.008 0
                       0
                              0
                                  0
                                     0
                                        0
                                            0.008 0
                           0
                                                    0
                                                        0
0.008 0 0 0.007 0 0 0 0.007 0.007 0
                                            0.007 0.008 0 0
                                                            0.008 0
                                       0
0.008 0.008 0.008 0
                 0
                     0 0.01 0.008 0.008 0
                                           0.008 0
                                                   0
                                                      0.008 0
                0.008 0.008 0 0 0.008 0
0.008 0.008 0
             0
                                             0 0
                                                    0 0
                                                           0.007 0.008
      0
          0
             0
                 0
                       0
                           0.008 0 0.008 0 0
                                                  0.007 0
                                                           0.007 0
                    0
0.007 0.008 0
                    0.008 0
                                   0
                                      0 0
                                             0
                                                 0
                                                    0.008 0
             0
                0
                            0
                               0
                                                             0
                              0.008 0 0.008 0 0 0.007 0
   0
          0
             0
                 0
                       0
                           0
                                                              0.007 0
                    0
0
   0
      0.008 0.008 0
                    0
                       0
                           0
                              0 0 0 0.008 0 0.008 0.008 0
      0.01 0.008 0
                   0.008 0.008 0 0 0
                                       0.008 0.008 0.007 0.008 0
0.008 0 0
           0.008 0
                    0.008 0 *0.011 0.008 0
                                          0
                                              0
                                                 0
                                                    0
                                                        0 0.007 0
   0.008 0
           0.008 0.007 0
                        0 0
                               0
                                   0
                                      0
                                          0
                                             0.007 0
                                                     0.007 0
   0.008 0.008 0.008 0 0 0 0.008 0
                                          0.008 0
                                                  0
                                                     0.008 0
                                                              0.007 0
       0.008 0 0 0.007 0.008 0
                                0.008 0
                                          0
                                             0
                                                0
                                                    0.006 0.008 0
          0 0 0.008 0 0.006 0 0
0.008 0 0
                                          0
                                             0
                                                 0
                                                    0
                                                       0
                                                           0.007 0 0
          0
             0
                0.007 0 0 0 0.008 0 0 0
                                                   0.008 0
0.008 0.008 0.007 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                      0
                                                          0.008 0.007
             0
                0
                    0.008 0 0.008 0
                                    0 0
                                           0.007 0
                                                    0.008 0
0.008 0 0.008 0
                0
                    0
                       0.008 0 0.008 0.008 0
                                             0
                                                 0.008 0
                                                         0.008 0.008 0
0.008 0
       0
          0.008 0
                       0 0 0 0 0
                                        0.008 0
                                                    0.006 0
                    0
                                                 0
      0.008 0.007 0
                    0
                       0 0.007 0 0 0 0 0
                                                 0
                                                    0
                                                       0
                                                           0
   0
                                                              0 0
          0.008 0.008 0.008 0
                            0
                               0
                                    0
                                       0 0
 30 30:0000083 19:0000051
                        + 0
                             0
                                0
                                              0.007 0
                                                       0.007 0
0
      0.007 0
              0
                 0 *0.063 0 0
                                  0
                                     0
                                         0
                                           0
                                                0
                                                   0.007 0
                                                            0
                                                               0.063
0
      0.007 0
               0
                  0
                      0
                        0
                            0
                                0 0
                                      0 0
                                              0
                                                 0
                                                    0
                                                        0
                            0.007 0
                    0.007 0
                                     0
                                        0.007 0
          0
             0
                0
                                                 0
                                                    0
                                                        0
0.007 0 0
          0
               0
                 0
                      0
                        0
                            0
                               0
                                   0
                                      0.007 0
                                               0
                                                   0
                                                      0
                                                         0
0
          0
             0.007 0
                      0
                        0.007 0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                   0.007 0
                                                           0
                                                               0
                                                                  0
   0
      0
                 0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0.007 0
                              0
                                  0
                                     0.007 0.007 0
                                                   0 0 0.007 0.007
   0
       0
          0
                 0
                    0
                       0
                           0
             0
                                   0
                                      0.063 0
0.063 0
        0
           0.007 0
                    0.007 0
                            0
                               0
                                               0.007 0
                                                       0
                                                           0.063 0
             0
                0
                    0
                       0.007 0
                               0
                                   0.063 0
                                           0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                 0 0.007 0
                                                           0.007 0.007
           0
               0
                              0
                                 0
                                     0.007 0
                                             0
                                                 0
                                                    0
                                                       0
      0
          0
                0
                       0
   0
             0
                    0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                             0
0.007 0 0.007 0
                0
                    0
                       0
                           0
                              0
                                     0
                                        0
                                                   0.007 0
                                                           0.007 0
                                  0
                                            0
                                               0
   0.007 0
                  0 0
                            0
                                   0
                                      0.007 0
                                               0
                                                   0
                                                      0
                                                         0
           0
               0
                        0
                                0
                                                             0
0
                    0
                       0
                           0
                              0
                                  0
                                     0.007 0
                                              0
                                                 0
                                                   0
                                                       0.007 0.007 0
0
   0.063 0
           0
               0
                 0 0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0.063 0 0
                                                         0.007 0
                 0
                    0.007 0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                        0
0
   0
      0
             0
                 0
                    0 0 0.007 0
                                   0
                                       0
                                          0.007 0 0 0 0 0 0
```

```
0.007 0 0.007 0
                         0
                              0
                                  0.063 0 0.007 0 0
                                                       0
                                                           0.007 0
0.007 0
        0
            0
                0
                   0
                       0
                           0
                              0
                                  0
                                      0 0
                                             0.007 0
                                                      0
                                                          0
                                                             0
                                                                 0.007 0
                     0
                             0
                                0
                                    0
                                       0
                                           0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0.007 0
                                  0.007 0
                                                                 0.007
   0
       0
          0
              0
                  0.007 0
                           0
                              0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                             *0.109 0
 31 31:0000084 6:0000017
                         + 0
                                   0
                                          0
                                                       0
                                                           0
                                                              0
                                                                  0
                               0
                                      0
                                0
                                    0
                                       0
                                                                 0.109 0
           0
              0
                     0
                         0
                             0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
0
   0
       0
              0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0.083 0
           0
                  0
                     0
                         0
                             0
0.109 0
        0
            0
                0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                        0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                  0.029 0
0
   0
       0
          0
              0
                           0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
0
   0
       0
          0
              0
                     0
                                                      0
                  0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                          0
                                                             0
0
                                                   0.038 0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                            0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
0
   0
       0
          0
              0
                     0
                         0
                             0
                                0
                                    0
                                        0.109 0
                                                0
                                                    0
                                                        0
                                                            0
                                                               0
                                                                   0
                  0
0
   0
       0
          0
              0
                  0
                     0.109 0
                                      0
                                         0
                                             0.029 0
                                                      0
                              0
                                  0
                                                          0
                                                             0
0
   0
       0
          0
              0
                  0
                     0
                         0
                                    0
                                        0
                                           0
                                                   0
                                                              0
                                                                 0
                                                                     0
                             0
                                0
                                               0
                                                      0
                                                          0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
       0
          0
              0
                     0
                             0
                                           0
   0
                  0
                         0
                                0
                                    0
                                        0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0.109 0
0
   0
          0
                         0
                                        0
                                               0
                                                      0
       0
              0
                  0
                     0
                             0
                                0
                                    0
                                           0
                                                   0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                     0
0
                                                                 0
0.109 0
        0
            0
                0
                       0
                          0
                              0
                                  0
                                      0
                                        0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                  0
   0
           0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
0
       0
                     0
                         0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
   0
                  0
                             0
                  0.029 0
                              0
                                 0 0 0
                                            0
                                                    0
                                                           0
                                                              0.029 0
              0
                          0
                                                0
                                                       0
  32 32:0000087 215:000062
                          + 0
                                0
                                   0.006 0
                                            0
                                                0
                                                  0
                                                       0
                                                           0
                                                              0.007 0
0.006 0.008 0 0
                 0
                     0
                         0
                            0
                                0.008 0.01 0
                                              0
                                                 0
                                                     0.008 0
                                                              0.008 0.008
       0.008 0
                0 0.008 0
                                0
                                    0
                                       0
                                           0
                                               0.008 0
                                                       0.008 0
                                                                0 0
       0.008 0
                0.008 0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0.008 0
                                                       0
                                                           0
                                                               0
                                                                  0.008
       0
           0.007 0
                         0 0.007 0.007 0
                                              0.007 0.008 0
                                                                0.008 0
                     0
                                          0
                                                             0
                       0 0.01 0.008 0.008 0
                                                         0.008 0
0.008 0.008 0.008 0
                  0
                                              0.008 0
0.008 0.008 0
              0
                 0.008 0.008 0
                               0 0.008 0
                                                0 0
                                                       0
                                                           0
                                                               0.007 0.008
                             0.008 0 0.008 0
  0
       0
              0
                         0
                                              0
                                                  0
                                                      0.007 0
                                                               0.007 0
0.007 0.008 0
              0
                     0.008 0
                                     0
                                        0
                                             0
                                               0
                                                    0
                                                       0.008 0
                                                               0 0
                  0
                              0 0
                                        0.008 0 0
                                                     0.007 0
       0
          0
              0
                     0
                         0
                             0
                                0.008 0
                                                                  0.007 0
       0.008 0.008 0
                     0
                         0
                            0
                               0 0 0
                                           0.008 0 0.008 0.008 0
       0.01 0.008 0
                                         0.008 0.008 0.007 0.008 0
                     0.008 0.008 0
                                  0 0
0.008 0
       0
           0.008 0
                     0.008 0 *0.011 0.008 0
                                             0
                                                0
                                                   0
                                                       0 0
                                                              0.007 0
   0.008 0
            0.008 0.007 0
                                 0
                                                0.007 0 0.007 0
                         0
                              0
                                     0
                                             0
   0.008 0.008 0.008 0 0 0 0.008 0
                                             0.008 0 0
                                                        0.008 0
                                                                  0.007 0
0.008 0 0.008 0 0 0.007 0.008 0
                                  0.008 0
                                             0
                                                0
                                                    0
                                                       0.006 0.008 0 0
0.008\ 0 0 0 0.008\ 0 0.006\ 0 0
                                             0
                                               0
                                                    0
                                                       0
                                                           0
                                                               0.007 0 0
          0
             0 0.007 0 0 0 0.008 0 0
                                              0 0
                                                      0.008 0
0.008 0.008 0.007 0 0.006 0.011 0.008 0.006 0 0.008 0.008 0 0 0.008 0.007
```

```
0
                 0
                     0.008 0
                              0.008 0 0 0 0.007 0
                                                      0.008 0
          0
0.008 0
        0.008 0
                 0
                     0
                        0.008 0
                                0.008 0.008 0
                                              0
                                                  0.008 0 0.008 0.008 0
           0.008 0
                     0
                        0
                            0 0 0
                                      0 0.008 0
                                                   0
                                                      0.006 0
      0.008 0.007 0
                        0 0.007 0 0 0 0 0
                                                   0
                     0
                                                      0 0
                                                            0
                                                                 0 0
          0.008 0.008 0.008 0
                             0
 33 33:0000094 34:0000095
                        + 0
                               0 0
                                      0 0
                                             0
                                                0.008 0.006 0.008 0
0.006 0 0 0
               0.008 0 0 0 0.007 0.006 0
                                           0
                                                0.004 0
                                                         0.006 0 0.008
       0.007 0
               0
                   0.008 *0.013 0
                                 0
                                     0
                                        0
                                            0
                                                0.006 0.006 0
                                                             0
       0
          0.006 0
                   0
                      0 0 0
                                0.004 0.006 0.008 0
                                                    0.008 0.006 0
                                                                  0.008
   0.006 0
            0
               0
                      0.008 0
                               0.006 0
                                        0
                                            0
                                               0 0.013 0 0
                   0
0.006 0
                                            0.008 0
                                                     0.01 0.008 0
        0
            0
               0
                   0
                      0
                         0
                              0
                                 0
                                     0
                                        0
          0.008 0
                   0
                      0
                          0
                              0
                                 0
                                     0
                                        0.006 0 0
                                                     0.006 0
0.006 0
        0.004 0 0.008 0.006 0.006 0
                                    0
                                        0
                                           0.004 0.006 0
                                                             0.006 0
                                                        0
            0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
            0.004 0
                     0 0.007 0
                                0.008 0 0.01 0.007 0
                                                      0 0
                                                              0
      0.006 0.008 0
                     0.006 0.007 0.006 0
                                       0
                                           0
                                              0.006 0
                                                        0.004 0
   0.004 0
               0.008 0 0.006 0
                                0.008 0 0 0.006 0 0 0.008 0.008
0.006 0
                  0.006 0 0 0
                                   0 0
                                          0.006 0 0.006 0
0.008 0.006 0.008 0
                                       0.006 0
                                                0 0 0.008 0.006 0.008
                  0 0
                         0
                             0 0
                                    0
                        0
   0.013 0
            0.008 0
                     0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0.008 0
                                                          0
   0.006 0
            0.006 0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0.008 0
                     0
                                                             0
                                                                 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                              0.004 0
                                                       0
       0
           0.008 0.006 0 0.006 0.006 0 0.006 0
                                                0
                                                    0.008 0.006 0
                                                                  0.006
                0.006 0.006 0
0.006 0.006 0 0
                              0
                                  0 0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
0.008 0
            0 0.008 0.004 0 0 0 0.004 0
                                             0.008 0
                                                      0.008 0
                                                               0.008 0
        0.007 0.006 0.008 0
                          0 0
                                  0.008 0 0
                                               0
                                                   0.008 0
0.006 0
        0
           0.004 0
                     0.006 0.008 0
                                  0
                                      0 0
                                             0.008 0.004 0.006 0.006 0
      0.006 0
                   0 0
                         0.006 0
                                   0 0.006 0
                                                   0
                                                      0.008 0
               0
                                               0
0.004 0.006 0.004 0
                   0.008 0
                          0
                               0
                                  0.008 0
                                           0
                                               0
                                                   0
                                                      0
                                                         0.006 0
                                                                  0.008
                                               0.013 0
                                                         0.013 0
 34 34:0000095 34:0000095
                           0
                              0
                                  0
                                     0
                                         0
                                            0
       0.013 0
              0
                  0 0
                         0
                              0
                                 0
                                     0 0 0
                                               0
                                                   0.013 0
0.013 *0.112 0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                         0
                                                            0
                                                     0
                 0.013 0
                         0.013 0
                                   0
                                      0.013 0
                                              0
                                                   0
                                                      0
                                                          0
                                0.013 0
                                          0
                                             0
                                                        0
                                                            0
                                                               0
0
                 0.112 0
                              0
                                                 0
                                                    0
   0
       0
          0
              0
                         0
       0.013 0
               0
                   0.013 0
                            0
                               0
                                   0
                                      0
                                          0
                                             0.013 0
                                                      0
                                                          0
                                                             0
                                                                    0
0
   0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0.013 0
                                                   0
                                                      0
                                                          0
   0
          0
              0
                 0
                     0
                        0
                            0
                               0.013 0.013 0
                                             0 0
                                                    0.013 0.013 0
0.013 0
        0.013 0
                 0
                        0
                               0
                                   0.013 0
                                               0
                     0
                            0
                                           0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                    0
                              0
                                0 0 0 0
          0.013 0
                  0 0
                         0
                                               0
                                                   0
                                                          0
                  0.013 0
                            0
                               0 0
                                      0 0.013 0.013 0
0
   0.013 0
            0
               0
                                                        0
                                                           0
0
       0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                              0.013 0
                                                      0.013 0
                     0
                        0.013 0
                                 0.013 0
                                          0.112 0
                                                   0.013 0
                                                           0
0
   0
       0
          0
              0
                 0
                                                                   0
                                                                      0
0
       0
              0.013 0
                      0
                          0
                              0
                                 0
                                     0
                                       0
                                            0
                                                   0
                                                      0
                                                          0
                                                                     0
0
   0
       0
          0
              0.013 0
                      0
                         0
                              0
                                 0.013 0.013 0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                    0
```

```
0
                     0
                         0
                            0
                                0.013 0 0 0 0 0 0 0 0 0.013 0
   0
       0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
           0 0.013 0
                        0
                            0
                                0
                                   0
                                       0
                                          0.013 0 0.013 0 0.013 0
                         0.013 0
                                          0.013 0
       0
          0.013 0
                 0 0
                                   0
                                       0
                                                   0 0
                                                          0
                                                              0
                              0 0.013 0
              0.013 0
                       0
                          0
                                          0
                                              0 0
                                                     0
                                                         0
                                                            0
                            0 0.013 0 0 0 0 0 0 0.013 0
                 0 0
                        0
           0
               0
                   0
                       0
                         0
                              0.013
 35 35:0000097 35:0000097
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                   0
                                                                      0
                               0.012 0
                 0
                     0
                        0
                            0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                              0
                                                                     0
   *0.105 0 0
                              0
                                  0
                                                0
                                                    0
                                                           0
               0
                   0
                       0
                           0
                                      0
                                         0
                                             0
                                                        0
   0.012 0
0
               0
                  0
                       0
                          0
                              0
                                 0
                                     0
                                         0
                                            0
                                                    0
                                                       0
0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                0
   0
       0
                 0
   0
          0.105 0
                       0
                              0
                                     0
                                            0
                                                   0.012 0
                                                            0
       0
                   0
                         0
                                 0
                                         0
                                                0
                                                                0
                                                                       0
0
   0
       0
          0
              0
                 0
                         0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                0
                     0
                            0
0.012 0
        0
            0
               0.105 0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                                  0
                                                     0
                                                         0
                                                            0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0.012 0
                                                       0
                                                           0
                                                                  0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                                  0
                                                     0
                                                         0.105 0
                                              0
                         0
0
   0
      0
          0
              0
                 0
                     0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                0
                                                                    0
0
   0
      0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                0
                                                                    0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                           0
                                              0
                                                     0
                                                                    0
                                       0
                                                  0
                                                         0
                                                             0
                                                                0
0
   0
          0
                         0
       0
              0
                 0
                     0
                            0
                                0
                                   0
                                       0
                                           0.012 0.105 0.105 0
                                                             0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                             0
                                                                0
                                                                    0
                                                         0
0
          0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
   0
       0
              0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0.012 0
   0.105 0.012 0
                 0
                        0
                            0
                                0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                   0
0
                     0
                                   0
                         0
       0
          0
              0
                 0
                     0
                            0
                                0
                                   0
                                       0.012 0
                                                0
                                                   0
                                                      0
                                                          0
0.012 0 0
           0 0
                  0 0
                         0
                              0
                                0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
   0.012 0.012 0 0.012 0
                              0
                                 0
                                     0
                                        0
                                            0
                                                0.105 0
                                                       0 0
                          0
 36 36:0000098 215:000062
                         + 0
                               0
                                  0.006 0
                                            0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0.007 0
0.006 0.008 0 0
                               0.008 0.01 0
                                             0 0.008 0
                                                             0.008 0.008
                 0
                     0
                        0
                            0
      0.008 0
               0 0.008 0
                                0
                                   0
                                       0
                                          0
                                              0.008 0
                                                       0.008 0
      0.008 0
               0.008 0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0.008 0
                                                       0
                                                          0
                                                              0
                                                                 0.008
                        0 0.007 0.007 0
           0.007 0
                     0
                                              0.007 0.008 0 0
0.008 0.008 0.008 0
                  0 0 0.01 0.008 0.008 0
                                             0.008 0
                                                      0 0.008 0
0.008 0.008 0
                 0.008 0.008 0
              0
                               0 0.008 0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0.007 0.008
                                                              0.007 0
   0
       0
          0
              0
                 0
                     0
                        0 0.008 0 0.008 0 0 0 0.007 0
0.007 0.008 0
                                                   0 800.0
              0
                 0
                     0.008 0
                              0
                                0
                                     0
                                        0
                                            0
                                               0
                                0.008 0
                                        0.008 0 0
                                                     0.007 0
                                                                 0.007 0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                                             0
       0.008 0.008 0
                        0
                               0 00 0 0.008 0 0.008 0.008 0
                     0
                            0
       0.01 0.008 0
                    0.800.0 800.0
                                  0 0
                                         0.008 0.008 0.007 0.008 0
   0
0.008 0
            0.008 0
                     0.008 0 *0.011 0.008 0
                                            0
                                                0
                                                   0
   0.008 0
            0.008 0.007 0 0
                              0 0
                                     0 0
                                            0
                                                0.007 0 0.007 0
                                                                 0.008 0
   0.008 0.008 0.008 0 0 0
                                  0.008 0
                                            0.008 0
                                                    0
                                                        0.008 0
                                                                 0.007 0
0.008 0 0.008 0 0 0.007 0.008 0
                                   0.008 0
                                            0 0 0 0.006 0.008 0 0
```

```
0.008 0 0 0 0.008 0 0.006 0 0 0 0
                                                      0
                                                         0 0
                                                                  0.007 0
           0
               0
                  0.007 0 0 0 0.008 0
                                            0
                                                0
                                                    0
                                                        0.008 0
                    0.006 0.011 0.008 0.006 0 0.008 0.008 0
0.008 0.008 0.007 0
                                                                 0.008 0.007
                      0.008 0
                               0.008 0
                                        0 0 0.007 0
                                                          0.008 0
           0
               0
                  0
                                                                  0 0
         0.008 0
                          0.008 0
                                  0.008 0.008 0
                                                      0.008 0
0.008 0
                  0
                      0
                                                  0
                                                               0.008 0.008 0
0.008 0 0 0.008 0
                      0
                          0
                              0 0 0
                                         0 0.008 0
                                                      0
                                                          0.006 0
                                                                  0
                                                                       0
       0.008 0.007 0
                                          0 0
                                                 0
                                                      0
                                                          0
                      0
                          0
                             0.007 0 0
                                                              0
                                                                 0
           0.008 0.008 0.008 0
                               0
                             0.012 0
  37 37:0000101 37:0000101
                                     0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                    0
                                                                        0
0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
              *0.361 0
                                       0.012 0
                                                     0
                                                             0.012 0
0
   0
       0
           0
                        0
                            0
                                0
                                    0
                                                 0
                                                         0
0
                                                      0
       0.012 0
                        0
                           0
                                0
                                  0
                                       0
                                          0 0
                                                 0
                                                         0 0.012 0
0
   0
       0
           0
                  0
                          0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
               0
                      0
                              0
0
   0
       0
           0
                      0
                          0
                              0
                                     0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0.012 0 0.361 0
               0
                  0
                                  0
                                         0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0.012 0
                                          0
                                               0
                                                 0
                                                      0
                                                         0 0
                                                                0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0.012 0 0
                                                              0
                                                                      0
       0
           0
                      0
                          0
   0
               0
                  0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0.012 0
0.012 0
                        0
                                0
                                                         0.012 0 0
         0
             0
                0
                   0
                           0
                                  0
                                       0
                                          0
                                               0
                                                  0
                                                      0
                                                        0
0
   0
       0
           0
               0
                  0.012 0
                           0.012 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                            0.012 0
0
       0
                                                     0
                                                        0
                                                            0
                                                                0
   0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                                    0
0
                                                 0.012 0 0 0.012 0
   0
       0
           0
               0
                  0
                      0
                              0
                                  0
                                     0
                                         0
                                             0
0
   0
       0
           0
               0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0.012 0
                  0
0
   0
       0
           0
               0
                                       0
                  0.012 0
                           0
                                0
                                   0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                      0.012 0
0
   0
       0
           0
               0
                      0
                                         0.012 0
                                                      0
                                                              0
                  0
                          0
                              0
                                  0
                                     0
                                                 0
                                                          0
                                                                 0
                                                                      0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0.012 0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
0
   0
       0
           0
               0
                  0
                      0
                          0
                                             0
                                                 0
                                                     0
                                                            0
                                                                0
                                                                    0.012 0
                              0
                                  0
                                     0
                                         0
                                                        0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0.012 0
                                       0
                                               0
                                                      0
                                                              0
                                          0
                                                   0
                                                          0
                                                                  0
  38 38:0000103 38:0000103
                                    0
                                            0
                                                   0
                                                           0
                             0
                                0
                                        0
                                                0
                                                       0
                                                                   0
                  0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
              *0.283 0
0
   0
       0
           0
                                0
                                    0
                                        0
                                           0
                                               0
                                                       0
                                                              0
                                                                  0
                        0
                            0
                                                   0
                                                           0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
0.043 0
         0
                0
                   0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                               0
                                                      0
                                                          0
                                                              0.043 0
             0
                                                   0
                                                                        0
                                                                           0
                                                        0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                            0
                                                                0
                                                                        0
0
       0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                        0
                                       0
0
                 0
                    0
                           0
                                0
                                   0
                                           0
                                               0
                                                   0
                                                      0
                                                              0
0
                                         0
                                                 0
                                                        0
                                                                        0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                             0
                                                     0
                                                            0
                                                                0
                                                                    0
0
       0
           0
               0
                      0
                          0
                              0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                            0
                                                                        0
0
   0
       0
           0
               0
                      0
                          0
                              0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                                    0
                                                                        0
                  0
                                  0
                                                        0
                                                            0
                                                                0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0.043 0
                                                                      0
                                                                         0
                                                                  0
   0
       0.043 0
                0
                    0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
0.043 0
       0
           0
                0
                    0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                         0
```

```
0 0
                           0
                              0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                       0
   0.043 0
           0
               0
                  0.043 0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0.043 0
                                                            0
                  0 0
                        0
                             0 0 0 0 0
                                             0 0
                                                    0
   0
       0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                          0
                    0
                        0
                           0
                               0
                                  0
                               0.043 0
                                      0 0
                                                  0
                                                     0 0
0
       0
              0
                 0
                    0
                        0
                           0
                                             0
 39 39:0000106 39:0000106
                                 0
                                        0
                                              0
                                                      0
                          0
                             0
                                    0
                                           0
                                                  0
                                                         0
0
   0
       0
          0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                   0
                                                       0
0
   0
      0
          0
             0
                 *0.414 0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
0
   0
      0
             0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
          0
                    0
0
   0
          0.029 0
                      0
                                    0
                                          0
      0
                  0
                         0
                             0
                                0
                                      0
                                              0
                                                  0
                                                     0
                                                         0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0.029 0
                                                  0
                                                         0
                                                     0
0
   0
      0
          0
             0
                    0
                        0
                           0
                                  0
                                     0
                                         0.029 0
                                                  0
                                                     0
                                                         0
                                                                0
                                                                   0
                 0
                               0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                              0
                                                                  0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0.029 0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
0
          0
                        0
   0
      0
             0
                 0
                    0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                              0
0
   0
      0
          0
             0
                 0
                    0 0
                           0
                               0
                                     0
                                                   0
                                                                 0
                                  0
                                         0
                                             0
                                                0
                                                       0
                                                          0
                                                              0
0
   0
      0
          0
             0
                    0
                        0
                                     0
                                         0
                                                   0
                                                                 0
                 0
                           0
                               0
                                  0
                                             0
                                                0
                                                       0
                                                          0
                                                              0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                     0
                                         0
                                             0
                                                   0
                                                          0
                                                                 0
                                  0
                                                0
                                                       0
                                                              0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
          0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                              0
                                                                 0
             0
0
   0
          0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
      0
              0
                                                          0
0
   0
      0.414 0
               0
                 0
                     0
                         0
                             0
                                0
                                    0
                                      0
                                          0
                                             0
                                                  0
                                                    0 0
          0.029 0
                  0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                             0
                                                  0
                                                    0.029 0
 40 40:0000107 40:0000107
                          0
                             0
                                 0
                                    0 0
                                           0 0.006 0 0.006 0
0
      0.006 0
               0
                  0
                      0
                         0
                             0
                                0
                                    0.006 0
                                            0
                                               0
                                                   0.006 0
                                                            0
   0.006 0
               0
                      0
                         0
                            *0.045 0 0 0
                                            0
                                                0
           0
                  0
                                                    0
                                                       0
                                                              0
                                                                  0
          0 0.006 0
                      0.006 0 0.006 0 0
                                          0.006 0
                                                   0
                                                       0
                                                          0
0.006 0
        0
           0
               0 0
                      0
                        0 0
                                0 0.006 0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
                                                                     0
             0.006 0
                        0.006 0 0 0 0
                                            0
                      0
                                                   0.006 0
                                                           0
             0 \quad 0 \quad 0.045 \ 0 \quad 0 \quad 0 \quad 0 \quad 0.006 \ 0
                                                   0.006 0
          0
                                                            0
   0.006 0.045 0
                0 0
                       0 0
                              0 0
                                     0 0
                                            0.006 0.006 0 0
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0
                                                 0
                                                     0.006 0
                           0.006 0 0 0 0
      0
         0
             0
                0
                    0
                       0
                                             0
                                                  0
                                                     0 0 0
          0.006 0
                 0
                     0.006 0
                                     0.006 0
                                              0
                                                 0.045 0
                                                             0.006
                              0
                                  0
                                                         0
0.006 0.045 0 0
                0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                            0 0
                                                   0 0
                                         0
0.006 0 0.006 0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0.006 0
                                                            0.006 0
                                      0.006 0
                  0
                     0
                        0
                             0
                               0 0
                                                0
                                                   0
                                                       0
                                                          0
       0
         0
             0
                0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0.006 0 0
                                                    0 0
                                                           0.006 0.006
   0.045 0
           0
               0
                  0
                      0
                         0
                             0.006 0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0.006
0.045 0 0
           0
               0
                  0
                      0
                        0
                             0.006 0
                                     0
                                         0
                                            0.045 0 0
                                                        0
                                                               0 0
```

```
0 0 0 0
                   0
                      0
                         0
                           0 0
                                   0.006 0
                                          0 0
                                                0.006 0.006 0 0
   0.006 0
          0.006 0
                   0.006 0
                          0.006 0
                                  0.045 0
                                          0
                                             0
                                                 0.006 0
0.006 0 0
           0
              0.006 0
                      0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                            0.006 0
                                                    0 0.006 0 0
                                            0 0 0.045 0 0
   0 0.006 0.006 0
                            0
                                         0
                   0
                      0
                         0
                               0
                                   0
                                      0
                      0.006 0.006 0
       0
              0.006 0
                                  0.006 0
                                          0.006 0
                                                 0 0
  0 0 0 0 0 0.006
 41 41:0000109 41:0000109
                        0
                          0
                              0
                                  0
                                     0 0
                                           0.006 0
                                                   0.006 0
      0.006 0
              0
                0
                    0
                      0
                          0
                              0
                                 0.006 0
                                         0
                                            0
                                               0.006 0
                              *0.147 0 0
   0.006 0
              0
                 0
                    0
                       0
                           0
                                        0
                                            0
                                                0
                                                   0
         0 0.006 0
                    0.006 0 0.006 0.147 0
                                        0.006 0
                                                 0
                                                    0
                                                       0
              0 0
                    0
                      0 0 0 0 0.006 0
          0
                                            0
                                               0
                                                   0 0
            0.006 0 0 0.006 0 0
                                      0
                                         0 0
                                               0.006 0
            0
               0 0
                     0
                         0
                            0 0
                                  0
                                      0.006 0 0.006 0 0
                                                         0
         0 0 0 0 0 0 0
                                   0.006 0.006 0
                                                0 0 0.006 0.006
         0.006 0 0.006 0 0.006 0
                                 0
                                    0
                                       0
                                          0.006 0 0 0
               0
                   0.006 0 0
                             0
                                 0
                                    0
                                       0
                                          0
                                              0
                                                0 0.006 0
   0.006 0 0 0.006 0 0 0.006 0
                                   0
                                       0
                                          0
                                              0
                                                0.006 0.006 0
            0
                0
                   0
                      0
                         0
                            0
                               0 0
                                      0
                                         0
                                            0
                                               0
                                                   0
                0 0 0 0 0 0 0 0.006 0
0.006 0
       0
          0
              0
                                               0.006 0
0.006 0
              0
                0 0 0 0 0 0.006 0
                                         0 0
                                               0.147 0
          0
                            0 0
                                   0.006 0
                                              0
                                                0 0.006 0.006 0
               0
                   0
                     0
                         0
                                          0
         0
            0
         0
            0
                0
                   0
                      0.006 0
                              0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                    0.006 0
0
   0
      0
         0
            0
               0.006 0
                      0
                         0
                                 0
                                    0
                                       0
                                           0
                                              0.147 0
                                                     0 0
                              0
   0
         0
            0
               0
                   0
                      0.006 0
                              0
                                 0
                                    0.006 0.006 0
                                                 0
                                                    0
                                                       0.006 0
      0.006 0
0.006 0
               0.006 0
                       0
                                    0.006 0 0 0.006 0
                          0
                              0
                                 0
0.006 0
       0
          0
             0
                 0
                    0
                       0
                           0
                              0.006 0 0 0.006 0 0
                                                    0
                                                          0.006
0.006 0
       0
          0
              0
                0
                    0
                       0
                           0
                              0
                                0
                                    0
                                       0
                                           0 0
                                                0
                                                    0
0.006 0
       0.006 0.006 0
                   0.006 0 0.006 0 0 0
                                          0.006 0 0 0
0.006
 42 42:0000110 215:000062
                      + 0
                            0 0.006 0 0
                                          0 0 0 0 0.007 0
                                        0 0
0.006 0.008 0 0 0
                   0
                      0
                        0
                            0.008 0.01 0
                                              0.008 0
                                                       0.008 0.008
     0.008 0
              0
                0 800.0
                            0
                               0
                                  0
                                      0
                                         0.008 0
                                                0.008 0
                                                        0
                                                           0
      0.008 0
              0.008 0
                     0
                         0
                            0
                               0
                                   0
                                      0
                                         0.008 0
                                                 0
0.008 0 0
         0.007 0 0 0 0.007 0.007 0 0
                                         0.007 0.008 0 0
                                                        0.008 0
                    0 0.01 0.008 0.008 0
0.008 0.008 0.008 0
                0
                                        0.008 0
                                                0
                                                   0.008 0
0.008 0.008 0
            0
               0.008 0.008 0 0 0.008 0
                                          0 0
                                                0 0
                                                       0.007 0.008
                         0.008 0 0.008 0 0 0
   0
      0
         0
            0
                0
                      0
                                               0.007 0
                                                       0.007 0
0.007 0.008 0
                   0.008 0
                          0 0 0 0
                                       0
                                         0
                                             0
                                                 0.008 0
            0
               0
                                                         0 0
   0
                            0.008 0 0.008 0 0 0.007 0
         0
            0
                      0
                         0
                                                          0.007 0
      0.008 0.008 0
                      0
                         0
                            0 0 0 0.008 0 0.008 0.008 0
0
   0
                   0
      0.01 0.008 0
                              0 0 0.008 0.008 0.007 0.008 0
                  0.008 0.008 0
0.008 0 0
           0.008 0
                   0.008 0 *0.011 0.008 0
                                       0
                                          0
                                              0
                                                 0
                                                    0 0.007 0
   0.008 0
           0.008 0.007 0
                      0 0
                             0
                                 0
                                       0
                                          0.007 0
                                                  0.007 0
   0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                       0.008 0 0
                                                  0.008 0
```

```
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0 0 0
                                              0.006 0.008 0 0
0.008 0 0
         0 0
               0.008 0 0.006 0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                 0
                                                     0.007 0
        0 0 0.007 0 0 0 0.008 0 0 0
                                             0.008 0
0.008 0.008 0.007 0
               0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                0
                                                    0.008 0.007
                  0.008 0 0.008 0
                                      0.007 0
                                              0.008 0
               0
                                0 0
0.008 0 0.008 0 0
                     0.008 0 0.008 0.008 0 0
                                           0.008 0 0.008 0.008 0
                  0
       0
         0.008 0
                  0
                     0 0 0 0 0 0.008 0
                                           0
                                               0.006 0
  0 0.008 0.007 0
                  0
                     0 0.007 0 0 0
                                     0
                                       0
                                           0
                                               0
                                                 0
                                                    0
         0.008 0.008 0.008 0 0
 43 43:0000111 65:0000165 + 0.023 0 0.006 0
                                      0 0
                                             0
                                               0 0
0.022 0.006 0
                                 0 0 0.013 0
              0
                  0 0 0 0 0
                                              0
                                                 0
            0
               0
                  0.012 0 0 0 0 0.023 0 0.013 0
            0.023 0 0 0 0.022 0
                                 0
                                    0
                                       0 0
                                             0 *0.035 0
             0 0 0
                         0
                            0 0 0 0 0 0 0.021 0 0
                     0
     0
         0
            0
               0 0
                    0
                        0
                          0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                0
                                                   0
      0.012 0
               0.012 0.022 0
                           0
                              0
                                 0
                                    0
                                       0
                                         0
                                             0.023 0
                                                    0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0.013 0 0
                                               0
                                                  0 0
                                       0.022 0
                              0
         0
            0
               0
                  0
                     0
                        0
                           0
                                 0
                                    0
                                               0 0.012 0
0.023 0 0
               0 0
                     0 0 0 0 0
         0
             0
                                        0 0
                                               0 0
                      0.023 0 0 0 0 0 0 0 0
      0
         0
            0
              0.023 0
     0.023 0
                0
                                  0 0.023 0.032 0.023 0
             0
                   0
                      0
                         0
                            0
                               0
         0.023 0
                0
                   0
                      0.013 0 0
                                0 0
                                       0 0
                                             0
0.021 0 0 0 0
               0
                   0
                      0
                         0 0 0
                                 0 0 0 0 0
0.021 0.023 0 0 0.023 0
                            0
                                  0.006 0
                                             0
                      0
                         0
                               0
                                          0
                                                0
  0 0.006 0 0 0 0.023 0 0.021 0
                                           0 0.023 0
                                 0
                                     0 0
                                                         0
               0 0
             0
                     0 0.023 0 0
                                    0
                                       0
                                          0
                                             0
                                                      0.006 0
   0.006 0.023 0 0 0
                    0 0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                0
                                                   0
                                                      0
             0 0 0 0 0 0.023 0
                                    0
                                       0
                                          0
                                             0
            0 0 0
                    0 0
                          0.013 0 0 0
                                            0
                                        0
                                              0 0
0.006 0 0 0 0 0 0 0 0 0 0 0.023 0 0 0
                                                   0
   0.023 0
         0 0
               0.021 0 0
                          0 0 0
                                    0
                                      0
 44 44:0000112 215:000062
                     + 0
                          0
                             0.006 0
                                     0
                                        0 0 0 0 0.007 0
0.006 0.008 0 0 0
                  0 0
                        0
                           0.008 0.01 0
                                      0 0.008 0
     0.008 0 0 0.008 0
                           0
                              0
                                 0
                                    0
                                       0.008 0
                                              0.008 0 0 0 0
      0.008 0
             0.008 0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                       0.008 0
                                              0
0.008 0 0
         0.007 0 0 0 0.007 0.007 0 0
                                       0.007 0.008 0 0 0.008 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0
                                              0 0.008 0
                                      0.008 0
0.008 0.008 0
               0.008 0.008 0 0 0.008 0
                                        0 0
                                              0
            0
                                                 0
                                                    0.007 0.008
   0
                     0 0.008 0 0.008 0 0 0 0.007 0
            0
               0
                                                     0.007 0
0.007 0.008 0
            0
                  0.008 0
                         0
                           0
                               0
                                  0
                                     0
                                        0 0
                                              0.008 0 0 0
               0
                                  0.008 0 0
   0
            0
                     0
                        0
                          0.008 0
                                            0.007 0
   0
      0.008 0.008 0
                  0
                     0
                        0 0 0 0 0.008 0
                                           0.800.0 800.0
0
      0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0 0.008 0
                  0.008 0 *0.011 0.008 0 0 0 0 0 0 0.007 0
```

```
0.008 0
            0.008 0.007 0 0 0 0 0
                                              0
                                                 0.007 0
                                                           0.007 0
                                                                    0.008 0
   0.008 0.008 0.008 0.008 0
                            0
                                0
                                   0.008 0
                                              0.008 0
                                                       0
                                                          0.008 0
                                                                    0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                              0
                                                 0
                                                     0
                                                         0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                                     0
                                              0 0
                                                         0
                                                            0
                                                                0.007 0 0
              0
                  0.007 0
                          0 0 0.008 0 0
                                               0
                                                   0
                                                       0.008 0
0.008 0.008 0.007 0
                   0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                           0
                                                                0.008 0.007
                      0.008 0
                              0.008 0
                                               0.007 0
           0
              0
                 0
                                        0
                                            0
                                                         0.008 0
0.008 0
        0.008 0
                  0
                         0.008 0
                                 0.008 0.008 0
                                                 0
                                                     0.008 0 0.008 0.008 0
                      0
0.008 0
         0
                                        0 0.008 0
           0.008 0
                      0
                         0
                             0 0 0
                                                     0
                                                         0.006 0
                                                                  0
       0.008 0.007 0
                      0
                         0
                             0.007 0
                                     0
                                         0
                                              0
                                                 0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                    0
           0.008 0.008 0.008 0
                               0
 45 45:0000115 24:0000067
                          + 0.013 0 0
                                        0 0
                                                 0
                                                     0
                                                        0
0
           0
                             0
                                 0 0
                                        *0.142 0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                     0
              0
                  0
                      0
                         0
0
   0
           0
                      0
                          0
                             0
                                 0
                                     0.013 0 0.142 0
                                                       0
                                                           0.013 0
       0
0
       0.013 0
                0
                   0
                       0
                          0
                               0
                                 0 0
                                        0 0
                                                0
                                                     0 0 0.013 0
0
   0
       0
           0
               0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0.013 0
                                                                        0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0.013 0
                                         0
                                             0
                                                 0
                                                     0
                                                             0
                                                         0
0
   0
       0
           0
              0
                  0
                      0.142 0
                               0
                                   0
                                      0
                                         0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                        0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0.013 0
                                                         0
0
   0
       0
           0
                  0
                      0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                               0
                                                                  0.013 0
               0
                          0
                                                           0
                                                        0.013 0 0
0.013 0
         0
                0
                       0
                           0
                               0 0
                                      0 0 0
                                                0
                                                     0
   0
       0
           0
              0
                  0.013 0
                          0.013 0
                                    0
                                        0 0
                                               0 0 0 0.013 0
                                                                    0
                0
                                                     0
0.142 0
         0
            0
                        0
                           0
                               0
                                   0
                                       0
                                          0
                                             0
                                                 0
                                                        0
                                                             0
0
   0
                                               0.013 0 0 0.013 0 0 0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
0
   0
       0
           0
              0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0.013 0
0
   0
       0
           0
              0
                  0.013 0
                           0
                               0
                                   0
                                      0
                                         0 0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0.013 0
0
   0
       0
                                                     0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0.013 0
                                                  0
                                                         0
                                                                0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                       0
                                                           0
                                                               0.013 0
                                                                        0
                                                    0
0
   0
           0
                                                               0.142 0
       0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
0
   0
       0
           0
               0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                  0.013 0
   0
       0
           0
               0
                  0
                      0
                          0
                             0.013 0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
 46 46:0000116 46:0000116
                            0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                          0
                                                       0
                                                               0
0
   0
       0
           0
               0
                  0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                           0
                      0
                                            *0.276 0
0
   0
       0
               0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                                      0
                                                          0
0
   0
       0
           0
               0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
0
   0
       0
                        0
           0.029 0
                    0
                           0
                               0
                                   0
                                       0
                                         0
                                              0
                                                  0
                                                     0
                                                             0
0
   0
                                            0.029 0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                                     0
                                                         0
                                                             0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
              0
                                            0.029 0
                                                     0
           0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                                             0
0
   0
       0
              0
                      0
                             0
                                                               0
           0
                  0
                          0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                                      0
0
   0
           0
                          0
       0
              0
                  0
                      0
                             0
                                 0
                                     0
                                         0
                                                    0
                                                       0
                                                           0
                                                               0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0.029 0
                                              0
                                                  0
                                                     0
                                                             0
                                                                0
                                                                    0
                                                         0
0
   0
       0
           0
               0
                  0
                      0
                          0
                             0
                                 0
                                         0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                      0
0
   0
       0
           0
               0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      0
```

```
0
                     0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
0
       0
              0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
       0
              0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
                            0
                                          0
                                                 0
                                                        0
                                                                      0
                                                                             0
                                                                                    0
                                                                                                          0
                                                                                                                 0
       0
              0
                     0
                                   0
                                                               0
                                                                                            0
                                                                                                   0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
       0
              0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
       0
              0
                     0
                            0
                                   0
                                                 0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
                                          0
                                                        0
0
       0
              0
                     0
                            0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                   0
                                          0
0
       0
                            0
                                   0
                                          0.276 0
                                                         0 0 0
                                                                               0
                                                                                      0
                                                                                             0 0 0 0 0 0.276 0
              0
       0
                     0.029 0 0 0
                                                  0
                                                           0
                                                                0 0
                                                                               0
                                                                                       0
                                                                                             0 0 0.029 0
   47 47:0000119 2:0000003
                                                 + 0
                                                           *0.207 0
                                                                               0
                                                                                       0
                                                                                             0
                                                                                                   0 0
                                                                                                                 0
                                                                                                                          0
0
                                                                                                                 0
                                                                                                                        0
      0
              0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                   0 0
0
              0
                     0
                                                 0
                                                         0
                                                               0
                                                                      0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                   0.207 0 0
0
       0
             0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
0
       0
             0
                     0
                            0.029 0 0
                                                  0
                                                           0 0 0 0 0 0 0 0
0
       0
             0
                     0
                            0
                                   0.207 0
                                                   0
                                                           0
                                                                0
                                                                          0
                                                                               0
                                                                                        0
                                                                                            0.029 0.207 0
0
       0
             0
                     0
                            0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0.029 0
0
       0
             0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
       0
             0
                     0
                            0
                                          0
                                                        0
                                                                      0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                   0
                                                 0
                                                               0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                   0
0
       0
             0
                    0
                            0
                                   0
                                                 0
                                                        0
                                                               0
                                                                             0
                                                                                    0.029 0
                                                                                                      0
                                                                                                           0
                                                                                                                    0
                                                                                                                                  0
                                          0
                                                                      0
                                                                                                                         0
0
       0
                     0
                            0
                                          0
                                                 0
                                                        0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                                      0
             0
                                   0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                                               0
0
       0
             0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                                   0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
                                                                                            0
                                                                                                          0
0
       0
                     0
                            0
                                   0
                                          0 0
                                                        0
                                                               0
                                                                             0
                                                                                                          0
                                                                                                                                      0
             0
                                                                      0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
0
       0
             0
                     0
                            0
                                   0
                                         0 0
                                                        0
                                                               0
                                                                     0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                         0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
       0
             0
                     0
                            0
                                   0
                                          0 0
                                                        0
                                                               0
                                                                     0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                        0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
       0
             0
                     0
                            0
                                   0
                                         0 0
                                                        0
                                                               0
                                                                     0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                 0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                              0
                                                                                                                                      0
0
       0
             0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
       0
             0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                      0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
       0
              0
                     0
                            0
                                   0
                                          0
                                                 0
                                                         0
                                                               0
                                                                      0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
                                                                                                                                      0
0
     0
              0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                               0 0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                          0
                                                                                                                 0
                                                                                                                        0
                                                                                                                               0
0 0
              0
                     0
                            0
                                   0.029 0 0 0 0 0 0 0 0 0 0 0 0.029 0
   48 48:0000125 65:0000165 + 0.023 0 0.006 0 0
                                                                                                        0 0 0 0
0.022 0.006 0
                           0
                                  0 0 0 0 0 0 0 0 0.013 0 0 0
                                                                                                                         0
                                                                                                                                  0 0
0 0
                            0
                                 0 0.012 0 0 0 0 0 0.023 0 0.013 0
             0
                   0
      0
                     0 0.023 0 0 0 0.022 0 0 0 0 0 0 *0.035 0
0.023 0 0
                      0
                               0 0 0
                                                           0 0 0 0 0 0 0 0.021 0 0 0
                                                  0
0 0 0
                   0 0
                                 0 0 0 0
                                                             0 0
                                                                            0 0 0 0 0
                                                                                                                 0 0
0.023 0 0.012 0
                                  0.012 0.022 0
                                                                             0
                                                                                   0
                                                                                           0 0 0.023 0 0
                                                              0
                                                                     0
                     0
                                                 0
                                                              0
                                                                      0
                                                                            0
                                                                                    0.013 0 0 0 0 0
      0
             0
                            0
                                   0
                                          0
                                                        0
                     0
                            0
                                   0
                                          0
                                                 0
                                                        0
                                                              0 0
                                                                             0
                                                                                    0 0.022 0 0 0.012 0 0
0.023 0 0
                      0 0
                                    0
                                           0
                                                   0 0 0 0 0 0 0 0 0 0
                                                                                                                                  0
                     0 0 0.023 0
                                                    0.023 0 0 0 0 0 0 0 0 0
      0
              0.023 0 0
                                      0
                                             0
                                                    0
                                                           0 0 0 0 0.023 0.032 0.023 0 0
                     0.023 0
                                      0
                                             0
                                                    0.013 0 0 0 0 0 0 0
                                                     \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0
0.021 0 0 0 0
                                      0
                                            0
```

```
0.021 \ 0.023 \ 0 \quad 0.023 \ 0 \quad 0 \quad 0 \quad 0 \quad 0.006 \ 0 \quad 0 \quad 0
      0.006 0
              0
                  0 0.023 0 0.021 0
                                      0
                                          0
                                              0
                                                 0
                                                    0.023 0
                                                             0
                                                                 0
                                                                    0
               0
                  0 0 0 0.023 0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                             0.006 0
   0.006 0.023 0 0 0 0 0 0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0
                                                                 0
                               0.023 0
                                            0
              0
                  0
                     0
                        0
                            0
                                         0
                                                0
                                                   0
                                                          0
         0 0 0 0 0 0 0.013 0 0 0 0 0 0 0
0.006 0
       0
          0 0
                 0 0
                        0 0
                                0 0
                                      0.023 0 0
                                                  0 0
                                                         0
   0.023 0
               0
                  0.021 0 0
                              0
                                  0
                                     0
                                         0
                                            0
           0
                                       0 0 0.006 *0.035 0.006 0 0
 49 49:0000126 8:0000019 + 0
                             0
                                 0
                                   0
          0.006 0
                             0
                                0
                                   0
                                      0.006 0 0 0.006 0
                 0
                     0
                        0
      0.006 0 0
                                    0
                                                               0.035 0
                 0
                     0
                        0
                             0
                                0
                                      0
                                          0 0 0 0 0
          0 0.006 0 0.006 0 0.006 0
                                      0
                                          0.006 0 0 0 0
0.006 0
       0.035 0
                0 0
                       0 0
                              0 0
                                     0
                                        0.006 0 0
                                                    0
                                                        0
          0
                0.006 0 0 0.006 0
                                     0
                                            0 0 0 0.006 0
             0
                                         0
0
   0
      0
          0
             0
                 0 0
                       0
                           0
                              0
                                  0
                                     0
                                         0 0.006 0
                                                    0.006 0 0.035 0
      0.006 0 0
                 0 0.035 0
                              0
                                  0.035 0
                                          0
                                             0 0.006 0.006 0
0.035 0.006 0.006 0 0 0 0.006 0
                                  0.006 0 0.006 0
                                                  0
                                                     0
                                                         0
                                                            0.006 0
          0 0 0 0
                       0
                           0
                              0
                                  0.035 0.006 0 0
                                                   0
                                                      0
                                                          0
                                  0.006 0
   0.006 0
          0 0 0 0.006 0
                              0
                                          0.035 0
                                                   0.006 0
                                                           0
   0.006 0.006 0 0 0 0 0
                              0
                                  0 0 0 0 0
                                                   0
                                                      0
                                                         0
                                                             0
      0.006 0.035 0.006 0 0 0
                               0 0
                                      0
                                          0
                                             0
                                                 0
                                                    0 0
                                                           0.006 0
0.006 0 0 0 0.006 0 0 0 0 0 0 0 0
                                                   0.006 0
      0 0 0.035 0 0 0 0
                               0 0 0 0
                                            0 0
                                                   0.006 0
                                                                    0
                                                             0
0.006 0.006 0 0
                       0.035 0
                               0
                                   0
                                      0.006 0
                0 0
                                              0
                                                   0
                                                      0
0.006\ 0 \quad 0.006\ 0.035\ 0 \quad 0 \quad 0\ 0.035\ 0
          0
             0 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0.006 0
                                                 0
                                                    0
                                                        0.006 0.006 0
      0.006 0
              0.006 0
                       0.006 0
                                0.006 0
                                        0
                                            0
                                              0
                                                   0
                                                     0.006 0 0
0.006 0
               0.006 0
                              0
                                            0
                                               0.006 0
                                                        0.035 0.006 0
      0
          0
                       0
                           0
                                  0
                                     0
                                         0
          0.006 0.006 0
                       0 0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
0
   0
          0.006 0
                  0.006 0.006 0.035 0.006 0 0.006 0
                                                      0
                                                         0.006 0
0
   0
                                                  0
          0.035 0
   0
      0
                  0.006
 50 50:0000127 99:0000295
                        + 0
                              0
                                 0
                                     0
                                        0
                                            0.083 0
                                                    0
                                                      0
                                                           0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                              0
                                  0
                                     0
                                         0
                                            0
                                                          0.083 0
0
   0
       0
          0
             0
                 0
                    0
                        0
                           0
                                                0
                                                   0
                                                       0
0.083 0
        0
           0
               0
                  0
                      0
                         0
                             0
                                0
                                    0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
0
   0
      0
          0
             0
                 0.029 0
                         0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                                   0
0
                                              0
   0
      0
          0
             0
                 0
                    0
                       *0.083 0
                                 0
                                    0
                                       0
                                           0
                                                  0.029 0
0
   0
                                                   0.029 0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
0
   0
      0
          0
             0
                                         0
                                            0
                                                0
                                                   0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                                       0
0
   0
      0
          0
             0
                 0
                    0
                                  0
                                     0
                                         0.083 0
                                                        0
                        0
                           0
                              0
                                                 0
                                                     0
                                                           0
                                                               0
0
   0
          0
             0
                 0
      0
                    0
                        0.083 0
                                    0
                                      0
                                          0
                                              0.029 0
                                                      0
                               0
0
   0
      0
          0
             0
                 0
                    0
                        0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                                 0
                           0
                              0
                                                   0
                                                       0
                                                          0
                                                             0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0
                                                                 0
```

```
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                              0
                                                  0
                                                           0
0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
   0.083 0
             0
                0
                    0
                      0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
                                                   0
                           0
                               0
                                 0
                                        0
            0
              0
                  0
                     0
                        0
                                     0
                                           0
                                              0
         0
             0
                0 0
                      0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
  0 0 0 0 0 0 0.029 0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
                                                   0
                                                0
0.029 0
 51 51:0000132 215:000062 + 0
                           0 0.006 0
                                      0
                                         0 0
                                               0
                                                      0.007 0
0.006 0.008 0 0 0 0 0
                           0.008 0.01 0 0 0 0.008 0
                                                     0.008 0.008
                        0
0 0 0.008 0 0 0.008 0
                           0
                               0
                                 0
                                     0
                                        0.008 0
                                               0.008 0 0 0 0
0 0 0.008 0 0.008 0 0
                        0
                           0
                              0
                                  0 0
                                        0.008 0
                                               0 0
                                                     0.008
0.008 0 0
         0.007 0 0 0 0.007 0.007 0 0
                                        0.007 0.008 0 0 0.008 0
0.008 0.008 0.008 0 0 0 0.01 0.008 0.008 0 0.008 0
                                               0 800.0
0.008 0.008 0
            0
               0.008 0.008 0 0 0 0.008 0
                                         0 0
                                               0
                                                   0
                                                      0.007 0.008
                  0 0 0.008 0 0.008 0 0 0 0.007 0
0 0
      0 0
            0
               0
                                                      0.007 0
                                  0 00 0 0 0.008 0
0.007 0.008 0
            0
               0
                  0.008 0
                          0 0 0
                        0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
0 0
      0 0
            0
               0
                  0
                     0
                     0 0 0 0 0 0 0.008 0 0.008 0
      0.008 0.008 0
                  0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0 0.008 0
                  0.008 0 *0.011 0.008 0
                                      0 0 0 0 0 0.007 0
  0.008 0
          0.008 0.007 0 0 0 0 0 0
                                      0
                                         0.007 0 0.007 0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                                0.008 0
                                      0.008 0
                                             0
0.008\ 0 \quad 0.008\ 0 \quad 0\ 0.007\ 0.008\ 0 \quad 0.008\ 0
                                      0 0 0
                                               0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                      0 0
                                            0
                                               0
                                                      0.007 0 0
0 0 0 0 0 0.007 0 0 0.008 0 0 0
                                              0.008 0
0 0.008 0.007
0 0 0 0
              0
                  0.008 0 0.008 0 0 0 0.007 0
                                               0.008 0
            0
                                                      0 0
0.008 0 0.008 0
                     0.008 0 0.008 0.008 0 0
                                            0.008 0 0.008 0.008 0
              0
                  0
0.008 0 0 0.008 0
                  0
                     0 0 0 0 0 0.008 0
                                            0
                                               0.006 0 0 0 0
  0 0.008 0.007 0
                     0 0.007 0 0 0 0
                                        0
                                            0
                                               0
                                                      0
                  0
                                                   0
                                                         0
         0.008 0.008 0.008 0
                          0
                             0
 52 52:0000133 6:0000017
                      + 0
                          0 0 0 0 *0.109 0
                                               0
                                                 0
               0
                  0
                     0
                        0
                           0
                               0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
      0
         0
            0
               0
                  0
                     0
                         0
                           0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                     0.083 0
             0
                0
                    0
                      0
                          0
                            0 0
                                  0 0
                                        0
                                             0
               0.029 0
                          0
                                0
                                  0
0
   0
      0
         0
            0
                      0
                            0
                                      0
                                         0
                                             0
                                                0
                                                   0
0
            0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
0
      0
                                     0
                                        0
                                           0.038 0
   0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                                   0
                                                      0
                                                         0
0
   0
         0
      0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                           0
                                              0
                                                 0
0
   0
      0
         0
            0
                     0
                            0
                               0
                                  0.109 0
                                        0 0
                                              0
                                                   0
               0
                  0
                         0
0
   0
      0
         0
            0
               0
                  0.109 0
                          0
                            0
                                0
                                  0 0.029 0
                                              0
                                                 0
                                                    0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0 0 0 0 0
                                           0
                                              0
                                                 0
```

0 0

0 0

0 0

0.083 0

```
0
      0
         0
               0
                  0
                     0
                           0
                                 0
                                     0
                                        0
                                              0
                              0
                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0.109 0
                     0
0
   0
      0
         0
            0
               0
                  0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
0
   0
      0
         0
               0
                     0
                           0
                                 0
                                     0
                                        0
                                              0
            0
                  0
                        0
                              0
                                           0
                                                 0
                                                    0
                                                       0
                                                          0
                                 0
0
   0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                          0
      0
       0
          0
             0
               0
                   0
                      0
                          0
                             0
                                0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
               0
                     0
                           0
                                 0
                                    0
                                        0
                                              0
                                                    0
   0
         0
            0
                  0
                        0
                              0
                                           0
                                                 0
0
   0
                              0
                                 0
                                     0
                                        0
                  0
                        0
                           0
                                           0
                                              0
  0
         0
            0
               0.029 0
                     0
                          0 0 0
                                  0 0
                                        0
                                            0
                                              0 0
                                                     0.029 0
                          0 0.006 0 0 0 0
 53 53:0000134 215:000062
                     + 0
                                              0 0
                                                     0.007 0
                                       0 0.008 0
0.006 0.008 0 0 0 0 0 0
                           0.008 0.01 0
                                                     0.008 0.008
     0.008 0
             0 0.008 0
                           0 0
                                 0
                                    0
                                       0.008 0
                                              0.008 0 0 0
      0.008 0
             0.008 0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                       0.008 0
                                               0
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0
                                       0.007 0.008 0 0
                                                     0.008 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0
                                       0.008 0
                                              0
                                                0.008 0
               0.008 0.008 0 0 0 0.008 0 0 0 0
0.008 0.008 0
            0
                                                     0.007 0.008
                        0.008 0 0.008 0 0 0 0.007 0
0 0
      0
        0
            0
               0
                  0
                     0
                                                     0.007 0
0.007 0.008 0
                         0 0 0 0 0 0 0.008 0
            0
               0
                  0.008 0
                                                      0 0
                        0 0.008 0 0.008 0 0 0.007 0
  0
         0
            0
               0
                     0
                                                        0.007 0
                  0
     0.008 0.008 0
                     0
                        0 0 0 0 0.008 0 0.008 0 0 0
0 0
                  0
0 0 0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
         0.008 0
                  0.008 0 *0.011 0.008 0
                                      0 0 0 0 0 0.007 0
0 800.0
         0.008 0.007 0 0 0 0
                                         0.007 0 0.007 0 0.008 0
                               0
                                      0
0 0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                      0.008 0 0 0.008 0
                                                        0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                        0 0 0.006 0.008 0 0
                                      0
0.008 0 0 0 0.008 0 0.006 0 0
                                      0
                                        0
                                            0
                                               0 0
                                                     0.007 0 0
        0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
0 0.008 0.007
        0 0 0
                  0.008 0 0.008 0 0 0 0.007 0
                                              0.008 0
                     0.008 0 0.008 0.008 0
0.008 0 0.008 0 0
                  0
                                            0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                     0 0 0 0 0
                  0
                                    0.008 0
                                            0
                                               0.006 0
0 0 0.008 0.007 0
                  0 0 0.007 0 0 0
                                      0 0
                                            0
                                               0
                                                  0
                                                    0 0 0
         0.008 0.008 0.008 0 0
 54 54:0000137 65:0000165
                     + 0.023 0 0.006 0
                                       0 0
                                             0
                                                0
0.022 0.006 0
            0
              0
                  0 0 0 0 0
                                 0 0 0.013 0 0
                  0.012 0 0 0 0 0.023 0 0.013 0
            0
               0
            0.023 0 0 0 0.022 0
                                 0
                                    0
                                       0 0
                                              0 *0.035 0
         0 0 0 0
                          0 0 0 0 0 0 0 0.021 0 0
0.023 0 0
                     0
               0 0
                     0
                                        0
                                           0
                                             0
                                                 0
                                                    0
         0
            0
                        0
                           0
                              0
                                 0
                                    0
               0.012 0.022 0
                                             0.023 0
0.023 0 0.012 0
                           0
                              0
                                 0
                                    0
                                       0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0.013 0 0
                                               0
                                                  0
                                                     0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                        0.022 0
                                               0
                                                  0.012 0
0.023\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
                                        0
                                            0
                                               0
                                                  0
                                                    0
```

```
0 0 0 0.023 0
                      0.023 0 0 0 0 0 0 0 0
     0.023 0
             0
                0
                  0
                      0
                         0
                           0 0 0 0.023 0.032 0.023 0
                                                           0
        0.023 0
                0
                   0
                      0.013 0 0 0 0 0 0 0
0.021 0 0 0 0
               0
                   0
                      0 0 0 0 0 0 0 0 0
0.021 0.023 0 0 0.023 0
                            0
                                 0.006 0
                      0
                         0
                               0
                                         0
                                            0
                                               0
  0 0.006 0 0 0 0.023 0 0.021 0 0
                                     0 0 0 0.023 0
         0 0 0 0 0 0.023 0 0 0
                                      0
                                             0
                                                      0.006 0
                                          0
  0.006 0.023 0 0 0 0 0 0
                                0 0
                                      0
                                          0
                                             0
                                                0
                                                   0
                                                      0
                                                         0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                      0
                                          0
                                             0
        0 0 0 0 0 0 0.013 0 0 0 0 0 0
0.023 0
         0 0 0.021 0 0
                          0 0 0 0 0
 55 55:0000140 168:000049 + 0
                          0
                            0 0.017 0 0 0.004 0.006 0.004 0
0.006\ 0 \quad 0 \quad 0 \quad 0.004\ 0 \quad 0 \quad 0 \quad 0.006\ 0 \quad 0 \quad 0.013\ 0 \quad 0.006\ 0 \quad 0.004\ 0
  \begin{smallmatrix} 0 & 0 & 0 & 0.004 & 0 & 0.012 & 0 & 0 & 0 & 0.006 & 0.006 & 0 & 0 & 0 & 0 & 0 \\ \end{smallmatrix}
  0.006 0 0 0 0 0 0.013 0.006 0.004 0 0.004 0.006 0
0.006 0 0 0 0 0.004 0 0.006 0 0 0 0
                                           0 0 0 0.004 0.006
  0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0
                                                  0
  0.004 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.006 \ 0 \quad 0.006 \ 0 \quad 0.012 \ 0.006 \ 0
0.004\ 0\quad 0.004\ 0.006\ 0.006\ 0\quad 0\quad 0\quad 0.013\ 0.006\ 0\quad 0\quad 0.006\ 0\quad 0
  0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
0.017 0.013 0 0 0 0.012 0.004 0 0 0 0 0 0 0 0 0 0 *0.046 0
0.006 0.004 0 0.006 0 0.006 0 0 0.006 0 0.004 0.017 0 0
0.013 0 0 0.004 0 0.006 0 0.004 0 0 0.006 0 0 0.004 0.004 0.006 0
0 0 0 0.006 0 0 0.012 0 0 0.006 0 0.006 0 0 0 0 0 0.004
0.006\ 0.004\ 0 \quad 0 \quad 0.017\ 0 \quad 0 \quad 0 \quad 0.006\ 0 \quad 0 \quad 0.004\ 0.006\ 0.004\ 0
  0 0.004 0 0 0 0 0 0 0 0 0 0.004 0 0 0 0.006 0 0
0.006 0 0.006 0 0 0 0 0 0 0 0 0 0 0.004 0 0
0.004 0.004 0 0.006 0 0 0.006 0 0.006 0 0.013 0.012 0.012 0
                                                     0
0 0 0.004 0.006 0 0.006 0.006 0 0.006 0 0
                                       0.004 0.006 0 0.006 0.006
0.006 0 0 0.006 0.006 0 0 0 0 0
                                     0 0 0 0 0
                                                    0
     0.004 0.013 0 0 0.012 0.013 0 0.004 0
                                       0.004 0 0.004 0
  0.013 0
         0.006 0.004 0 0 0 0 0.004 0.013 0.006 0.006 0 0
0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.004 0 0.013 0.013 0.006
0.013 0 0.004 0 0 0 0.004 0 0.012 0 0 0 0.006 0
                                                 0.004
 56 56:0000142 11:0000023
                    + 0 0
                            0 0
                                  0 0
                                        0.006 0
                                                 0.006 0 *0.084
     0
        0.006 0
               0 0 0 0
                           0 0 0.006 0 0
                                            0 0.006 0
                                 0 0 0 0 0
     0.006 0 0
               0
                   0
                      0
                         0
                            0
                               0
        0 0.006 0.084 0.006 0
                           0.006 0 0 0.006 0
                                             0
                                                 0
                                                    0
                                                          Ω
         0 0 0 0
                     0 0
                           0 0 0.006 0 0
                                            0
                                                0 0
     0 0 0.006 0 0 0.006 0 0 0 0 0 0.006 0 0
                                                       0
              0 0 0 0 0 0 0 0.006 0 0.006 0 0
```

0 0.006 0

0.004 0.006 0.004 0

0.022 0

0 0

58 58:0000147 58:0000147

0 0

0 0

0.008 0

0 0

*0.165 0

0.006 0

0.022 0

0 0

0 0

0.008 0

0.022 0

0.006 0

0 0

0 0

0 0

0.008 0

0.022 0

0 0

0.006 0

0.022 0

0.004

0.008

```
0
                            0
                                    0
                                                  0
                                                      0
                                                          0.022 0
                     0
                                       0
                                           0
                                               0
   0.165 0
            0
                0
                   0
                       0
                          0
                              0
                                  0.022 0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                    0
                     0
                            0
                                    0
                                       0
                                                  0
                                                          0
0
   0
       0
                  0
                     0
                         0.165 0
                                  0
                                     0
                                        0
                                             0
                                                0.022 0
                                                         0
                                                             0
                                                                 0
                                                                    0
                                                                        0
                                               0
   0
                             0
                                0
                                    0
                                       0
                                           0
                                                  0
                                                          0
                                                             0
                                                                 0.022 0
0.022 0
        0
            0
                0
                       0
                          0
                              0
                                  0
                                     0
                                        0
                                             0
                                               0
                                                    0
                                                      0.022 0
                                                                    0
                   0
0
   0
       0
          0
              0
                  0.022 0
                           0.022 0
                                       0
                                               0
                                                  0
                                                      0
                                                         0.022 0
                                    0
                                           0
0
                                                             0
   0
       0
          0
              0
                  0
                         0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                     0
                             0
                                0
0
                                               0.022 0 0 0.022 0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
0
   0
       0
          0
              0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0.022 0
                  0
0
   0
       0
          0
              0
                  0.022 0
                          0
                              0
                                  0
                                     0
                                        0 0
                                               0
                                                    0
                                                       0
                                                          0
0
   0
       0
          0
              0
                                       0.022 0
                                                    0
                  0
                     0
                         0
                             0
                                0
                                    0
                                                0
                                                        0
                                                           0
                                                              0
                                                                  0
                                                                      0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0.022 0
                                           0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                                 0
0
   0
       0
           0
              0
                     0
                         0
                  0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0.022 0
   0
                  0
                     0
                         0
                             0.022 0
                                     0
                                            0
                                               0
                                                    0
                                                       0
                                                           0
       0
           0
              0
                                        0
 59 59:0000148 34:0000095
                         + 0
                               0
                                  0
                                       0
                                         0
                                              0
                                                0.008 0.006 0.008 0
                0.008 0
       0
           0
                        0
                            0
                                0.007 0.006 0 0
                                                 0.004 0 0.006 0 0.008
       0.007 0
                   0.008 *0.013 0 0
                                                 0.006 0.006 0
                0
                                     0
                                         0
                                             0
                                                              0 0 0
       0
          0.006 0
                   0
                       0
                         0 0
                                  0.004 0.006 0.008 0
                                                     0.008 0.006 0
                                                                    0.008
   0.006 0
            0
                0
                       0.008 0
                                0.006 0
                                             0
                                                0 0.013 0 0
                   0
                                         0
                                                               0
                                                                   0.008
0.006 0
                0
                   0
                       0
                          0
                              0
                                  0
                                     0
                                         0
                                             0.008 0
                                                      0.01 0.008 0
       0
          0.008 0
                   0
                       0
                          0
                              0
                                  0
                                     0
                                         0.006 0 0
                                                      0.006 0
                                                              0
        0.004 0
                 0.008 0.006 0.006 0
                                         0
                                            0.004 0.006 0
                                     0
                                                          0 0.006 0
0.006 0 0
            0 0.008 0.008 0 0.006 0.006 0.008 0.007 0.006 0.006 0.008
                     0 0.007 0 0.008 0 0.01 0.007 0
   0.008 0
            0.004 0
                                                       0
       0.006 0.008 0
                     0.006 0.007 0.006 0 0
                                            0 0.006 0
                                                         0.004 0
                                                                 0.007 0
                0.008 0 0.006 0
   0.004 0
                                 0.008 0
                                         0 0.006 0 0 0.008 0.008
0.006 0 0
                  0.006 0 0
                               0
                                   0
                                       0
                                           0.006 0 0.006 0
            0
                0
                                                            0
0.008 0.006 0.008 0
                                                        0.008 0.006 0.008
                       0
                         0
                              0
                                 0
                                     0
                                        0.006 0
                                                 0
                                                     0
   0.013 0
            0.008 0
                     0 0 0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0.008 0 0
                                                              0
                                                                  0.006 0
   0.006 0
            0.006 0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                               0.004 0
                                                        0
                                                           0
                                                               0.01 0
0.007 0 0
            0.008 0.006 0 0.006 0.006 0 0.006 0
                                                     0.008 0.006 0
                                                 0
0.006 0.006 0 0 0.006 0.006 0 0 0
                                              0
                                                                    0
                                          0
                                                  0
                                                     0
                                                         0
                                                            0
0.008 0
            0 0.008 0.004 0 0 0 0.004 0
                                              0.008 0
                                                       0.008 0
                                                                0.008 0
0.006 0 0.007 0.006 0.008 0
                           0
                               0
                                   0.008 0 0
                                               0
                                                   0.008 0
                                                            0
            0.004 0
                     0.006 0.008 0
                                   0
                                       0 0
                                              0.008 0.004 0.006 0.006 0
                         0.006 0
   0 0.006 0 0
                                                       0.008 0
                  0 0
                                    0
                                       0.006 0
                                               0
                                                    0
                                                                0.004
0.004 0.006 0.004 0
                   0.008 0
                                   0.008 0
                                                0
                                                    0
                                                       0
                                                           0.006 0
                            0
                               0
                                            0
                                                                   0.008
 60 60:0000150 41:0000109
                          + 0
                               0
                                   0
                                       0
                                         0
                                              0
                                                 0.006 0
                                                           0.006 0
       0.006 0
                         0
                              0
                                  0 0.006 0
                                              0
                                                  0
                                                      0.006 0
0
                0
                   0
                       0
                                                                  0
                                                                     0
   0.006 0
                0
                   0
                       0
                          0
                              0
                                 *0.147 0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
       0 0.006 0
                     0.006 0 0.006 0.147 0
                                              0.006 0
                                                       0
                                                           0
```

```
0.006 0 0 0 0 0 0 0 0 0 0 0.006 0 0
                                                0 0 0
            0.006 0 0 0.006 0 0
                                   0
                                       0
                                          0 0
                                                0.006 0
               0 0 0
                          0 0
                                0
                                   0
                                       0.006 0 0.006 0
                                    0.006 0.006 0
          0 0 0 0 0 0 0
                                                 0 0 0.006 0.006
         0.006 0 0.006 0 0.006 0
                                  0
                                     0
                                        0
                                           0.006 0
                                                   0
                                                       0
             0 0 0.006 0 0 0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                 0 0.006 0
          0 0.006 0
                      0 0.006 0
                                     0
                                        0
                                           0
                                               0
                                                  0.006 0.006 0
                0
                          0
                            0
                                          0
                                                 0
                                                    0
                                                       0.006 0
                   0
                      0
                                0
                                   0
                                       0
                                             0
                0 0 0 0 0
          0
              0
                                    0 0.006 0
                                                 0.006 0
0.006 0
        0
           0
              0
                0 0
                       0 0
                              0
                                  0.006 0
                                          0 0
                                                0.147 0
             0
                   0
                      0
                          0
                            0 0
                                   0.006 0
                                            0 0
                                                  0
                                                     0.006 0.006 0
0
   0
                      0.006 0
                                  0
                                     0
                                       0
                                               0
                                                 0 0.006 0
      0
         0
             0
                0
                   0
                              0
                                            0
   0
         0
             0
                0.006 0
                        0
                           0
                              0
                                  0
                                        0
                                            0
                                               0.147 0
                                                       0
   0
         0
                0
                   0
                      0.006 0
                                  0
                                     0.006 0.006 0 0 0
                                                        0.006 0
      0
             0
                              0
       0.006 0
                                     0.006 0
0.006 0
                0.006 0
                        0
                           0
                              0
                                  0
                                            0 0.006 0
0.006 0
                              0.006 0
                                      0 0.006 0
                                                            0.006
              0
                 0
                     0
                        0
                           0
                                                 0
                                                     0
        0
          0
0.006 0
              0
                     0
                           0
                              0
                                  0
                                    0 0
                                           0 0
           0
                 0
                        0
0.006 0
        0.006 0.006 0
                    0.006 0
                            0.006 0
                                    0 0
                                           0.006 0
                                                  0
                                                      0
0.006
 61 61:0000158 28:0000081
                       + 0
                             0
                                0
                                     0 0
                                            0
                                                0
                                0
                                       0.008 0
                                              *0.057 0.008 0
         0
             0
                0
                      0
                          0
                             0
                                   0
0.008 0 0 0 0.008 0
                      0
                          0
                             0
                                0
                                   0.008 0
                                           0.008 0
0.008 0 0.008 0
                0
                   0
                      0
                          0
                             0
                                0
                                   0.057 0
                                           0 0 0 0.008 0
                      0
                             0.057 0
                                    0 0.008 0
                   0
                          0
                                                0
                                                    0
                                                       0.008 0
0
      0.008 0.008 0
                   0.008 0
                           0
                              0.008 0
                                     0 0.008 0 0 0
                                                        0 0.008 0
      0.008 0
              0
                 0
                     0
                        0
                           0
                              0.008 0
                                      0
                                          0 0
                                                0
                                                    0
                                                       0
                                                          0
                                     0.057 0 0
0
   0.008 0
           0
              0
                 0
                     0
                        0
                           0
                              0
                                  0
                                                0
                                                    0.008 0
0
               0.008 0
                           0
                                  0
             0
                        0
                              0
                                        0
                                           0 0
                                                 0
                                                     0
   0.008 0
              0
                 0
                           0
                              0
                                  0
                                     0.008 0.008 0
0
          0
                    0
                        0
                                                  0
                                                     0
                                                               0
   0.008 0
           0.008 0.008 0
                                        0.008 0
                        0
                           0
                              0
                                  0
                                     0
                                               0
                                                       0
0.008 0.008 0 0.057 0 0
                        0.008 0
                              0 800.0
                                           0.008 0
                                                  0
                                                       0.057 0
                      0.008 0
                              0.008 0
                  0
                                      0
                                          0
                                             0
                                                0
      0.008 0 0 0.008 0 0.008 0
0
                                     0
                                        0
                                           0
                                               0
                                                  0.008 0
                                                          0
                                                             0.008
0
                                                        0.057 0 0
      0
             0
                0.008 0
                       0 0
                              0
                                  0
                                    0
                                        0
                                            0
                                               0
                                                  0
                                                     0
0
   0
                0.008 0
                           0
                              0
                                  0
                                    0
                                        0
                                            0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                        0
0
                   0 0
                                                       0.008 0.008 0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                 0
                                                    0
0
      0
         0.008 0 0 0.008 0
                            0
                                0
                                   0
                                       0
                                          0
                                             0
                                                 0
                                                    0
                                                       0
                                                          0
                                                              0.057
                0 0
                       0.008 0
                                0
                                   0
                                       0.008 0
                                               0.008 0
                                                             0.008
   0.008 0.008 0 0 0.008 0 0.057 0.008 0 0.008 0
0
                                                0
                                                  0
                                                       0
                                                          0
         0.008 0
                0 0
                       0
                           0
                              0
                                  0
                                    0 0
                                            0.008 0
                                                       0
                                          0.008 0.008 0.008 0
             0 0 0
                      0 0
                            0 0
                                   0
                                       0
 62 62:0000160 34:0000095
                       + 0
                            0
                               0
                                   0
                                     0
                                         0
                                            0.008 0.006 0.008 0
              0.008 0
                      0
                         0
                             0.007 0.006 0
                                          0
                                             0.004 0 0.006 0
  0 0.007 0 0 0.008 *0.013 0 0 0 0
                                            0.006 0.006 0 0 0
```

```
0
           0.006 0
                    0
                        0 0
                                0
                                   0.004 0.006 0.008 0
                                                        0.008 0.006 0
   0.006 0
             0
                0
                    0
                        0.800.0
                                 0.006 0
                                           0
                                              0
                                                  0 0.013 0 0
                                                                      0.008
0.006 0
                    0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                               0.008 0
                                                        0.01 0.008 0
           0.008 0
                        0
                                0
                                       0
                                           0.006 0 0
                                                        0.006 0
   0
       0
                    0
                            0
                                   0
                                                                 0
                                                                     0
         0.004 0
                  0.008 0.006 0.006 0
                                           0
                                              0.004 0.006 0
                                       0
                                                            0 0.006 0
0.006 0 0
                0
                                  0.008 0 0.01 0.007 0
   0.008 0
             0.004 0
                      0
                          0.007 0
                                                          0
       0.006 0.008 0
                      0.006 0.007 0.006 0 0
                                              0 0.006 0
                                                           0.004 0
                                                                    0.007 0
                0.008 0 0.006 0
                                  0.008 0
                                           0 0.006 0 0
   0.004 0
             0
                                                             0.008 0.008
0.006 0
        0
             0
                0
                   0.006 0
                             0
                                 0
                                     0
                                        0
                                             0.006 0 0.006 0
                                                               0
                                                                  0
0.008 0.006 0.008 0
                    0
                        0
                           0
                               0
                                  0
                                       0
                                          0.006 0
                                                   0
                                                        0
                                                          0.008 0.006 0.008
   0.013 0
             0.008 0
                      0 0 0
                                 0
                                     0
                                         0
                                             0
                                                0
                                                    0.008 0
                                                             0
                                                                  0
                                                                     0.006 0
   0.006 0
             0.006 0
                                  0
                                         0
                                                    0
                                                        0.008 0
                      0
                          0
                              0
                                     0
                                             0
                                                 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                       0.006 0
                                                 0.004 0
                                                           0
                                                             0
                                                                  0.01 0
0.007 0 0
            0.008 0.006 0 0.006 0.006 0 0.006 0
                                                        0.008 0.006 0
                                                   0
0.006 0.006 0 0 0.006 0.006 0 0
                                    0 0
                                            0
                                                0
                                                        0
                                                            0
                                                               0
                                                    0
                                                                       0
0.008 0
         0
           0 0.008 0.004 0 0 0 0.004 0
                                                0.008 0
                                                          0.008 0
                                                                   0.008 0
                                     0.008 0 0
0.006 0 0.007 0.006 0.008 0
                            0
                                0
                                                  0
                                                      0.008 0
                                                               0
                                                                   0
             0.004 0
                      0.006 0.008 0
                                                0.008 0.004 0.006 0.006 0
         0
                                     0
                                         0
                                           0
   0 0.006 0
                            0.006 0
                0
                   0 0
                                     0
                                         0.006 0
                                                  0
                                                      0
                                                          0.008 0
                                                                   0.004
0.004 0.006 0.004 0
                    0.008 0
                             0
                                 0
                                     0.008 0
                                                  0
                                                          0
                                                              0.006 0
                                              0
                                                      0
                                                                       0.008
  63 63:0000161 63:0000161
                             0
                                    0
                                        0
                                            0
                                                   0
                                                       0
                                                           0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
                                         0
                                                 0
                                                        0
                                                                0
       0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                     0
                                             0
                                                     0
                                                            0
                                                                        0
0
   0
       0
               0
                                  *0.929 0
           0
                  0
                      0
                          0
                              0
                                            0
                                               0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0
                                                                          0
0
       0
                      0
   0
           0
               0
                  0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                          0
                                                                        0
                  0
                      0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
0
   0
       0
           0
               0
                      0
                          0
                              0
                                     0
                                             0
                                                     0
                                                            0
                                                                    0
                                                                        0
                  0
                                  0
                                         0
                                                 0
                                                        0
                                                                0
0
   0
           0
                          0
                                         0
                                                                        0
       0
               0
                  0
                      0
                              0
                                  0
                                     0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
               0
                      0
                          0
                              0
                                             0
                                                            0
                                                                    0
                                                                        0
           0
                  0
                                  0
                                     0
                                         0
                                                 0
                                                     0
                                                        0
                                                                0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                      0
                              0
                                     0
                                             0
                                                     0
                                                            0
                                                                    0
                                                                        0
                  0
                          0
                                  0
                                         0
                                                 0
                                                        0
                                                                0
0
   0
           0
                          0
                                         0
                                             0
                                                 0
                                                        0
                                                                0
                                                                        0
       0
               0
                  0
                      0
                              0
                                  0
                                     0
                                                     0
                                                            0
                                                                    0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                         0
                                             0
                                                 0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
                                  0
                                     0
                                                     0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0.071 0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                  0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
  64 64:0000163 64:0000163
                             0
                                0
                                    0
                                        0
                                            0
                                                0
                                                   0.006 0
                                                             0.006 0
   0
       0.006 0
                0
                   0 0
                           0
                                0
                                   0
                                       0.006 0
                                                0
                                                    0
                                                        0.006 0
                                                                     0
```

0.006 0

0 0

0 0

0 0

0 0

0 0

```
0.008 0
               0 0 0.008 0 0
                                 0
                                     0
                                        0
                                           0.008 0
                                                    0.008 0 0
   0
      0.008 0
               0.008 0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0.008 0
                                                    0
                                                       0
                                                          0
                                                              0.008
       0
          0.007 0
                    0
                       0
                          0.007 0.007 0
                                       0
                                           0.007 0.008 0 0
                                                            0.008 0
0.008 0.008 0.008 0
                     0 0.01 0.008 0.008 0
                                          0.008 0
                                                   0 0.008 0
                 0
                0.008 0.008 0
                             0 0.008 0
0.008 0.008 0
                                             0
                                                    0
                                                       0
                                                          0.007 0.008
                          0.008 0 0.008 0 0 0 0.007 0
   0
      0
         0
             0
                0
                    0
                       0
                                                          0.007 0
0.007 0.008 0
             0
                0
                    0.008 0
                            0
                              0
                                   0
                                      0
                                         0
                                            0
                                                0
                                                    0.008 0
   0
                             0.008 0
                                     0.008 0 0
                                                  0.007 0
                                                              0.007 0
      0
          0
             0
                0
                    0
                       0
                           0
                                                          0
                              0 0 0 0.008 0 0.008 0.008 0
      0.008 0.008 0
                    0
                       0
                          0
   0
      0.01 0.008 0
                   0.800.0 800.0
                                0 0
                                       0.008 0.008 0.007 0.008 0
0.008 0
       0
           0.008 0
                    0.008 0 *0.011 0.008 0
                                          0
                                            0 0
   0.008 0
           0.008 0.007 0 0
                            0 0
                                   0 0
                                             0.007 0
                                                    0.007 0
                                          0
   0.800.0 800.0 800.0 800.0
                                0.008 0
                                                     0.008 0
                         0 0
                                         0.008 0
                                                             0.007 0
                                            0 0
       0.008 0 0 0.007 0.008 0 0.008 0
                                                   0.006 0.008 0 0
                                         0
0.008 0 0 0 0.008 0 0.006 0
                                                0
                                                          0.007 0 0
                                   0 0
                                         0
                                            0
                                                    0
                                                       0
         0
             0
                0.007 0 0 0 0.008 0 0
                                           0
                                               0
                                                  0.008 0
      0
0.008 0.008 0.007 0
                  0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                          0.008 0.007
                                                      0
                    0.008 0 0.008 0
         0
             0
                0
                                    0 0
                                           0.007 0
                                                   0.008 0
                                                           0
0.008 0
       0.008 0
                              0.008 0.008 0
                                                0.008 0 0.008 0.008 0
                0
                    0
                       0.008 0
                                            0
0.008 0 0
                       0 0 0 0 0 0.008 0
                                                    0.006 0 0 0 0
          0.008 0
                    0
                                                0
      0.008 0.007 0
                       0
                          0.007 0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                          0
                    0
                                                       0
                                                              0
          0.008 0.008 0.008 0
                            0
 67 67:0000173 67:0000173
                          0
                            0
                                0
                                  0 0
                                         0
                                             0
                                                0
                                                     0
                                                       0 0
                       0
                           0
                              0
                                 0
                                     0
                                        0.008 0
                                                0
                                                    0.008 0
                            0
                               0.008 0
                                        0.008 0
          0.008 0 0 0
                        0
                                                0
                                                    0
                                                       0
       0.008 0
                                 0
0.008 0
                0
                    0
                       0
                          0
                              0
                                    0
                                        0
                                           0 0
                                                  0 0.008 *0.101 0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0.008 0
                                                   0
                                                      0
                                                          0.008 0
                                           0.008 0
                                                       0
                                                          0 0.008 0
      0.008 0.008 0
                    0.008 0
                            0
                               0.008 0
                                        0
                                                    0
0
      0.008 0
               0
                     0
                            0
                               0.008 0
                                        0
                                           0 0
                                                  0
                                                        0
                                                               0.008
                 0
                         0
                                                     0
                                                            0
   0.008 0
           0
               0
                  0
                     0
                         0
                            0
                                0
                                   0
                                     0
                                         0
                                            0
                                                0
                                                    0.008 0
      0 0.008 0
0
                     0
                         0
                            0
                               0
                                   0
                                     0
                                          0
                                            0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0
                                                                 0
0.008 0
               0
                     0
                            0
                                   0.008 0.008 0
        0
           0
                         0
                               0
                                                0
                                                    0
0.008 0 0.008 0.008 0
                     0
                         0
                            0
                               0
                                   0
                                     0.008 0 0.101 0.101 0
0.008 0.008 0 0
                       0.008 0
                               0
                                   0.008 0
                                          0.008 0
                0 0
                                                    0
                                                          0
                    0.008 0
                            0.008 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                        0
                                                            0
             0
                0
   0.008 0
          0 0.101 0.008 0.101 0.008 0
                                     0
                                         0
                                            0
                                                0
                                                    0.008 0
                                                               0.008
0
             0
                0.008 0
                        0
                            0
                               0
                                   0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0
                                                                 0
      0
          0
0
                0.008 0
                         0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                       0
                                                         0.008 0.008 0
0
   0
      0
             0
                0
                    0 0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
          0.008 0
                 0
                    0.008 0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                      0
0.008 0 0
          0
               0
                 0 0.008 0
                              0
                                 0
                                     0.008 0
                                            0.008 0
                                                     0
                                                         0
                                                            0.008 0
0.008 0.008 0 0
                0.008 0 0 0.008 0
                                    0.008 0
                                             0 0 0
                                                       0
                                                          0
                 0 0 0 0 0 0 0.008 0
      0.008 0
              0
                                                 0
                                                     0
                                                        0
          0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0
```

```
68 68:0000176 65:0000165 + 0.023 0 0.006 0
                                             0
                                                0
                                                    0
0.022 0.006 0
             0
                 0
                     0
                        0
                           0
                               0
                                  0
                                      0
                                          0
                                             0.013 0
                                                     0
              0
                 0
                     0.012 0
                             0 0
                                    0 0 0.023 0
                                                    0.013 0
   0
          0
              0.023 0 0
                        0
                             0.022 0
                                      0
                                          0
                                             0 0
                                                    0 *0.035 0
                                                                 0
            0
               0
                      0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                     0.021 0
          0
              0
                 0
                        0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                     0
                            0
        0.012 0
                 0.012 0.022 0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0.023 0
                                          0.013 0
                                                  0
          0
                 0
                        0
                               0
                                   0
                                      0
                                                      0
                                                          0
                     0
                            0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0.022 0
                                                      0
                                                        0.012 0
0.023 0
        0
            0
               0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
              0
                0.023 0
                          0.023 0
                                   0
                                      0
                                          0
                                             0
                                                0
                                                    0
                                                        0
       0.023 0
              0
                   0
                      0
                                    0
                                      0 0.023 0.032 0.023 0
                          0
                             0
                                 0
          0.023 0
                   0
                      0
                          0.013 0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
0.021 0 0
               0
                      0
                             0
                                    0
                                       0 0
           0
                   0
                          0
                                 0
                                              0
                                                  0
                                                      0
                                                          0
0.021 0.023 0 0
                0.023 0
                          0
                             0
                                 0
                                    0
                                       0.006 0
                                                0
                                                    0
       0.006 0
                      0.023 0
                              0.021 0
                                                      0.023 0
              0
                  0
                                        0
                                           0
                                               0
                                                  0
                                                                  0
   0.021 0
                  0 0
                         0 0.023 0
                                      0
           0 0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                               0.006 0
   0.006 0.023 0 0 0
                        0
                           0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
                   0
                     0
                         0
                            0
                                0.023 0
                                          0
                                             0
                                                    0
                                                           0
                                                                      0
                            0 0.013 0 0 0
         0
             0 0 0 0
                                              0 0
                                                    0 0
      0
                         0 0
0.006 0
               0
                   0
                      0
                                 0
                                    0
                                       0.023 0
                                                    0
                                                       0
                                                           0
        0
                                                0
   0.023 0
           0
               0
                   0.021 0
                           0
                               0
                                   0
                                      0
                                          0
                                             0
 69 69:0000177 34:0000095
                         + 0
                               0
                                 0
                                      0
                                         0
                                             0
                                                0.008 0.006 0.008 0
                                                0.004 0 0.006 0
        0
               0.008 0
                        0
                           0
                               0.007 0.006 0
                                             0
                   0.008 *0.013 0 0
                                    0
                                               0.006 0.006 0 0 0
      0.007 0
               0
                                        0
                                            0
       0
          0.006 0
                   0
                      0
                         0
                             0
                                 0.004 0.006 0.008 0
                                                    0.008 0.006 0
   0.006 0
            0
               0
                   0
                      0.008 0
                               0.006 0
                                        0
                                           0
                                               0
                                                  0.013 0 0
                                                                  0.008
0.006 0 0
                             0
                                           0.008 0
            0
               0
                   0
                      0
                          0
                                 0
                                    0
                                        0
                                                    0.01 0.008 0
          0.008 0
                   0
                      0
                             0
                                    0
                                        0.006 0 0
                                                    0.006 0
      0
                          0
                                 0
        0.004 0
                 0.008 0.006 0.006 0
                                        0
                                           0.004 0.006 0
                                    0
                                                            0.006 0
            0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
0.006 0
       0
            0.004 0
                        0.007 0
                                0.008 0 0.01 0.007 0
   0.008 0
                    0
                                                      0
                     0.006 0.007 0.006 0 0 0 0.006 0
       0.006 0.008 0
                                                      0.004 0 0.007 0
   0.004 0
               0.008 0
                        0.006 0
                                        0 0.006 0 0
                                                         0.008 0.008
                                0.008 0
0.006 0
                  0.006 0
                                      0
                                          0.006 0
                                                  0.006 0
                                                           0
            0
               0
                           0 0
                                   0
0.008 0.006 0.008 0
                        0
                             0
                                0
                                    0
                                       0.006 0
                                                      0.008 0.006 0.008
                  0
                      0
                                                0
                                                    0
   0.013 0
            0.008 0
                    0
                        0
                           0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0.008 0
                                                         0
                                                             0
                                                                0.006 0
   0.006 0
            0.006 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0.008 0
                                    0.006 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                              0.004 0
                                                       0
                                                          0
                                                              0.01 0
0.007 0
            0.008 0.006 0
                         0.006 0.006 0
                                       0.006 0
                                                    0.008 0.006 0
                                                0
0.006 0.006 0 0 0.006 0.006 0 0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                        0
                                                           0
                                                                  0
0.008 0
            0 0.008 0.004 0 0 0 0.004 0
                                             0.008 0
                                                      0.008 0
                                                               0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0 0.008 0 0
                                              0
                                                  0.008 0
0.006 0
            0.004 0 0.006 0.008 0 0 0 0 0.008 0.004 0.006 0.006 0
```

```
0.006 0
0.006 0
            0
                  0.006 0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                                    0.035 0.006 0
    0
        0
            0.006 0.006 0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                              0
        0
            0.006 0
                      0.006 0.006 0.035 0.006 0 0.006 0
                                                             0
                                                                 0
                                                                      0.006 0
0
    0
            0.035 0
                      0.006
        0
  72 72:0000181 72:0000181
                                0
                                    0
                                        0
                                            0
                                                0
                                                    0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
                                                                                  0
0
    0
        0
                0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                         0
                                         0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                                                                               0
                             0
                                 0
                                     0
                                             0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          *0.829 0
0
    0
            0.029 0
                           0
                                           0
        0
                      0
                               0
                                   0
                                       0
                                               0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
                                                                             0
                                                                                 0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0.029 0
                                                            0
                                                                0
                                                                    0
                                                                             0
                                                                                 0
0
    0
        0
                             0
                                             0
                                                  0.029 0
                                                                    0
                                                                             0
                                                                                 0
            0
                0
                    0
                        0
                                 0
                                     0
                                         0
                                                            0
                                                                0
0
    0
                                                                               0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0.029 0
                                                   0
                                                            0
                                                                0
                                                                    0
                                                        0
                                                                        0
                            0
0
    0
        0
            0
                0
                    0
                        0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                       0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                               0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                         0
                                                  0
                                                          0
                                                                  0
                                                                          0
                                                                               0
                                     0
                                             0
                                                      0
                                                              0
                                                                      0
0
    0
        0
            0
                0
                    0
                             0
                                 0
                                     0
                                             0
                                                 0
                                                      0
                                                              0
                                                                      0
                                                                               0
                        0
                                         0
                                                          0
                                                                  0
                                                                          0
0
    0
            0
                             0
                                                                               0
        0
                0
                    0
                        0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                               0
0
    0
            0
                             0
                                     0
                                             0
                                                      0
                                                              0
                                                                               0
        0
                0
                    0
                        0
                                 0
                                         0
                                                  0
                                                          0
                                                                  0
                                                                      0
                                                                          0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                       0
                                                                           0
                                                                               0
0
    0
            0.029 0
                          0
                              0
                                   0
                                           0
                                                   0
                                                            0
                                                                0.029 0
        0
                     0
                                       0
                                              0
                                                        0
  73 73:0000184 38:0000103
                              + 0
                                    0
                                        0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                  0
                                                                      0
                                                                          0
                                                                              0
                                                                                  0
                                                                      0
0
                    0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                         0
0
    0
        0
            0
                *0.043 0
                           0
                               0
                                        0
                                           0
                                                0
                                                    0
                                                        0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                   0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
0.043 0
                  0
                      0
                          0
                              0
                                   0
                                       0
                                           0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0.043 0
                                                                              0
          0
              0
                                               0
                             0
                                 0
                                     0.043 0
    0
        0
                0
                    0
                         0
                                              0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                          0
                                           0
0
    0.043 0
                  0
                               0
                                   0
                                       0
                                               0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
0
                        0
                             0
                                         0
                                             0
                                                  0
                                                      0
                                                          0.043 0
    0
        0
            0
                0
                    0
                                 0
                                     0
                                                                    0
                                                                       0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0.043 0
0
    0
        0
                0
                         0
            0
                    0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                                                                               0
    0
            0
                0
                    0
                             0
                                     0.043 0
                                                   0
                                                            0
                                                               0.043 0.043 0
0
        0
                         0
                                 0
                                              0
                                                        0
0.043 0
          0
             0.043 0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                              0
0.043 0
          0
              0
                  0
                      0
                          0
                              0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                            0
                                                                        0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
    0.043 0
              0
                  0
                      0.043 0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0.043 0
                                                                        0
                                                                            0
                                                                                0
0.043 0
              0
                  0
                      0
                          0
                              0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
0.043 0
          0
              0
                  0
                      0
                          0.043 0 0 0 0 0 0
                                                             0
                                                                  0 0
                                                                          0
```

```
0.007 0.007 0
        0.007 0
                         0 0.007 0 0 0.007 0
                                             0.007 0
                                                    0
             0
                0
                   0.007 0 0 0 0 0 0 0 0 0 0.007 0
             0
                0
                   0 0 0 0 0 0 0 0 0 0 0.007 0.007
  0
     0
        0
           0
0.007 0 0 0
 76 76:0000196 34:0000095 + 0 0 0 0 0 0 0.013 0 0.013 0
     0.013 0 0 0 0 0 0 0 0 0 0 0 0.013 0
                                               0
0.013 *0.112 0
          0
             0 0
                  0 0 0 0 0 0 0
                                         0
                                            0
             0.013 0 0.013 0 0 0.013 0 0 0 0 0
  0
           0
             0.112 0
                    0 0 0.013 0
                                 0
                                   0 0 0 0
                                              0
0
     0.013 0 0 0.013 0 0
                                 0 0.013 0 0 0
                        0
                           0
                              0
           0
             0
                0
                   0
                      0
                         0
                           0
                              0
                                 0.013 0 0
                                          0 0
0
  0
        0
             0
                0
                   0
                      0
                        0.013 0.013 0 0 0 0.013 0.013 0
           0
0.013 0 0.013 0
             0
                0
                   0
                      0
                        0 0.013 0 0 0 0
                                          0
     0
        0.013\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
                                          0 0
         0 0 0.013 0 0 0 0 0 0.013 0.013 0
  0.013 0
                                           0
                  0 0 0 0 0 0 0.013 0 0.013 0 0
0
     0
           0 0 0
0
     0
             0
                  0.013 0 0.013 0 0.112 0
                                        0.013 0 0
           0.013 0 0 0 0 0 0 0
0
  0
     0
                                        0
                                           0
                                             0
0
  0
     0
        0
           0.013 0 0 0 0
                         0.013 0.013 0
                                     0
                                        0
                                          0
                                             0
0
  0
     0
                        0.013 0 0 0 0
                                        0
                                          0 0
        0
           0
             0 0
                   0
                      0
                                               0
                                                   0.013 0
  0
     0
           0
             0
                0
                   0
                      0
                        0
                           0
                              0
                                 0 0 0 0 0
0.013 0 0
        0 0.013 0 0 0
                        0 0 0
                                 0.013 0 0.013 0 0.013 0 0
        0.013 0 0 0 0.013 0 0 0 0.013 0 0
        0 0.013 0 0 0 0 0.013 0 0 0 0 0 0 0
        0 0 0 0 0 0 0.013 0 0 0 0 0 0.013 0
0.013 0 0
        0 0
              0 0 0 0.013
 77 77:0000197 5:0000014 + 0 0.029 0 0 *0.047 0.029 0 0 0 0
  0 0 0 0.029 0 0
                   0 0
                         0 0 0 0 0
                                        0 0 0
0.029 0 0 0 0 0
                    0 0.029 0
                                         0
                                            0.029 0.029 0
                              0
                                 0
                                   0
                                      0
0.029 0 0.029 0 0 0 0
                        0
                              0
                                      0
                                         0
    0.029 0 0 0 0
                    0.032 0 0
                              0
                                 0
                                    0
                                      0
                                         0
                                            0
                                               0
                                                  0.029
              0 0
                    0
                       0 0 0.029 0.029 0 0
0.032 0.029 0 0 0 0 0 0 0
                              0 0 0 0
                                         0
                                            0
                                               0
                                                  0 0 0
0.024 0
      0
         0
            0
              0
                 0
                    0
                       0
                         0
                             0
                               0
                                  0
                                    0
                                        0
                                          0
                                             0
     0
           0
             0
                0
                   0
                      0
                         0
                           0
                              0
                                 0
                                    0
                                      0
                                         0 0
                                               0.029 0
0
                      0
                         0
                           0
                              0
                                 0.029 0
                                        0.047 0
                                               0
                                                    0.032
0
  0
     0
        0
           0
             0
                0
                   0
                      0
                         0
                           0
                              0
                                 0
                                    0
                                       0
                                         0
                                               0
                                                  0
                                                     0
                   0
           0
             0
                0
                      0
                         0
                           0
                              0
                                 0
                                    0
                                       0
                                         0
0.047 0 0
        0
            0
                 0
                   0 0 0 0 0
                                  0
                                        0
              0
                                    0
                                           0
                                             0
0
  0
     0
        0
           0
                0
                   0
                      0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                         0
0
             0.029 0
                   0 0 0 0 0 0 0 0 0 0
  0
     0
        0
           0
                   0
                      0.029 0 0 0 0
                                    0
                                        0 0 0
0
  0
     0
        0
           0
             0
                0
                   0
                      0 0 0 0 0 0 0 0 0 0 0
```

0.007 0 0 0 0.038 0 0.007 0 0

0.007 0

0.007

```
0
                     0
                        0.029 0 0 0 0 0 0 0 0
0
  0
      0
         0
            0
              0
                  0
                     0
                        0
                           0 0
                                0
                                    0
                                       0
                                          0
                                            0
                                                0
                                                   0
0
   0
      0
         0
            0
               0
                  0.029 0 0 0 0 0.029 0
                                            0
                                                0
                                                   0.029 0
                     0 0 0.029 0 0 0 0 0.024 0
                                                   0
0
   0
      0
         0
            0
               0
                  0
                                                      0
                                                         0 0
               0
                  0.032 0
   0
            0
 78 78:0000203 70:0000179 + 0 0 0 0 0 0
                                            0
                                               0
                                                  0
              0 0 0
                        0 0 0 0
                                    0.007 0 0 0.007 0
                                                         0.007
0
            0
         0.007 0 0 0
                     0 0 0.007 0
                                    0.007 0
                                           0
                                              0
                                                 0
0.007 0 0.007 0 0 0 0 0 0 0
                                    0 0 0 0 0.007 0
        0 0 0.038 0.038 0 0 0.038 0
                                    0
                                       0 0.007 0
                                                 0
                                                        0.007
         0 0.007 0.007 0 0.007 0 0 0.007 0 0 0.007 0
                        0 0 0 0.038 0.007 0
0.007 0 0
         0 0.007 0 0
                                             0 0 0
  0.007 0 0.007 0 0
                    0 0.038 0
                               0
                                  0
                                     0
                                           0
                                              0
                                                0
                                                    0
                                                       0.007 0
                                        0
            0 0
                  0
                     0.007 0
                               0
                                  0
                                     0
                                           0
                                               0 0
                            0
                                        0
0
      0
         0.007 0 0 0
                     0 0
                           0
                               0
                                  0
                                     0
                                        0.007 0.007 0
         0.007 0 0.007 0.007 0
                            0
                               0
                                  0
                                     0
                                        0
                                           0.007 0
                                                  0
   0.007 0.007 0.038 0
                   0
                      0 0.007 0 0 0.007 0 0.007 0
                                                   0
         0 0.038 0
                     0.007 0 0.007 0.038 0 0 0 0
                  0
0.038 0 0.038 0
              0.007 0
                     0 0 0.007 0 0.007 0 0 0
                                                    0
                                                       0.007 0
                    0 0.007 0 0 0.038 0 0 0 0 0
         0.038 0
   0.007 0
                  0
            0
                     0
                        0.007 0 0 0 0 0 0 0
0
      0
         0
               0
                  0
                                                    0
                                                        0
            0
               0
                  0
                     0
                        0 0 0 0 0 0 0 0 0
0.007 0.007 0
            0
               0
                  0
                     0.007 0 0 0.007 0 0 0 0 0.038 0 0
               0.007 0
                     0 0
                           0.038 0 0.007 0 0 0 0.007 0
            0
0
         0.007 0
               0.007 0.007 0
                           0 0.007 0 0 0.007 0 0.007 0
   0
      0
                     0.007 0
                           0 0 0 0 0 0 0 0 0.007 0 0
               0
                  0
   0
      0
         0
            0
               0
                  0
                     0
                        0 0 0 0 0 0 0 0
                                                  0.007 0.007
0.007 0 0 0
 79 79:0000205 28:0000081
                     +
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
  0 0 0 0
              0
                                    0.008 0 *0.057 0.008 0
                     0
                        0
                           0
                              0
                                 0
0.008 0 0 0 0.008 0
                     0
                        0
                           0
                              0
                                 0.008 0 0.008 0 0 0
0.008 0 0.008 0
              0
                  0
                     0
                        0
                           0
                              0
                                 0.057 0
                                       0 0 0 0.008 0
                           0.057 0
                                 0 0.008 0 0 0 0.008 0 0
     0 0
           0
              0
                  0
                     0
                        0
0
      0.800.0 800.0
                  0.008 0
                         0
                            0.008 0 0 0.008 0 0 0 0.008 0
      0.008 0
            0
               0
                   0
                      0
                         0
                            0.008 0 0 0 0 0 0
                                                   0
0
   0.008 0 0
             0
                0
                   0
                      0
                         0
                            0
                               0
                                  0.057 0 0 0 0.008 0
0
        0 0.008 0
                      0
                         0
                            0
                               0
                                  0 0 0 0 0
   0.008 0
         0 0
               0
                                  0.008 0.008 0
                   0
                      0
                         0
                            0
                               0
                                              0
                                                 0
   0.008 0
         0.008 0.008 0
                      0
                               0
                                  0
                                     0.008 0
                                           0
                                                   0 0
                         0
                            0
                                               0
0.008 0.008 0 0.057 0 0
                      0.008 0 0
                                0.008 0 0.008 0
                                               0
                                                  0.057 0
              0 0.008 0
                           0.008 0
                                    0
                                      0
                                          0
                                             0
                                                0
                                                   0
0
      0.008 0 0 0.008 0 0.008 0
                                  0
                                     0
                                        0
                                           0
                                              0.008 0
                                                         0.008
                                                     0
               0.008 0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                 0
                                                    0.057 0
0
   0
      0
         0
            0
               0.008 0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                 0
                                                     0 0 0
```

```
0 0
                           0
                                  0
                                      0
                                             0
                                                    0
                                                           0.008 0.008 0
             0
       0
          0.008 0
                  0
                      0.008 0
                              0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0.057
                      0
                        0.008 0
                                  0
                                      0
                                         0.008 0
                                                 0.008 0
                                                              0
                                                                 0.008
   0.008 0.008 0 0 0.008 0 0.057 0.008 0
                                          0.008 0
                                                   0
                                                          0
                                                             0
                                                                    0
                             0
                                           0
                                              0.008 0
          0.008 0
                  0
                      0
                         0
                                0
                                    0
                                       0
                                                          0
                              0
                                             0.008 0.008 0.008 0
             0 0
                    0
                        0 0
                                  0
                                      0
                                         0
 80 80:0000212 34:0000095
                        + 0
                              0
                                            0
                                               0.008 0.006 0.008 0
                                 0
                                     0
                                        0
        0
               0.008 0
                       0
                           0
                              0.007 0.006 0
                                            0
                                               0.004 0
                                                        0.006 0
                                                                 0.008
      0.007 0
               0
                   0.008 *0.013 0 0
                                    0
                                        0
                                           0 0.006 0.006 0
      0
          0.006 0
                            0
                                0.004 0.006 0.008 0
                                                   0.008 0.006 0
                                                                 0.008
                   0
                      0
                        0
                                                                 0.008
   0.006 0
                      0.008 0
                              0.006 0
                                              0 0.013 0 0
           0
               0
                   0
                                       0
                                           0
0.006 0 0
           0
               0
                   0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                           0.008 0
                                                   0.01 0.008 0
      0
          0.008 0
                   0
                      0
                         0
                             0
                                0
                                    0
                                       0.006 0 0
                                                   0.006 0
        0.004 0
                0.008 0.006 0.006 0
                                   0
                                       0
                                          0.004 0.006 0
                                                           0.006 0
0.006 0
        0
           0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.004 0
                   0
                       0.007 0
                               0.008 0 0.01 0.007 0
                                                     0
      0.004 0
                                                               0.007 0
               0.800.0
                       0.006 0
                                                        0.008 0.008
   0.004 0
                               0.008 0
                                        0
                                           0.006 0
                                                    0
0.006 0
                                         0.006 0
                                                 0.006 0
           0
               0
                 0.006 0
                           0 0
                                  0
                                     0
                                                          0
0.008 0.006 0.008 0
                  0
                      0 0
                             0
                               0
                                   0
                                      0.006 0
                                                0
                                                   0 0.008 0.006 0.008
  0.013 0
           0.008 0
                       0
                              0
                                     0
                                         0
                                            0
                                                0.008 0
                                                        0
                                                               0.006 0
                    0
                           0
                                  0
                                                            0
   0.006 0
            0.006 0
                    0
                       0
                           0
                              0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                    0.006 0
                                             0.004 0
                                                      0
                                                         0
                                                            0.01 0
           0.008 0.006 0
                        0.006 0.006 0
                                      0.006 0
                                               0
                                                   0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0
                                     0 0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                                 0
           0 0.008 0.004 0 0 0 0.004 0
                                            0.008 0
                                                     0.008 0
                                                             0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                 0.008 0 0
                                              0
                                                 0.008 0
0.006 0
           0.004 0 0.006 0.008 0
                                            0.008 0.004 0.006 0.006 0
                                  0
                                     0 0
   0 0.006 0
                  0 0
                         0.006 0
                                  0
                                      0.006 0
                                              0
                                                 0
                                                    0.008 0
                                                             0.004
               0
0.004 0.006 0.004 0
                  0.008 0
                                  0.008 0
                                                        0.006 0
                           0
                              0
                                          0
                                              0
                                                 0
                                                     0
 81 81:0000216 81:0000216
                          0
                             0
                                 0
                                    0 0 0 0.006 0
                                                        0.006 0
0
      0.006 0
               0
                   0
                      0
                         0
                             0
                                0
                                    0.006 0
                                            0 0
                                                   0.006 0
                                                                   0
   0.006 0
                      0
                         0
                             0
                                0
                                    0
                                       0 0
                                                  0
          0.006 0 0.006 0 0.006 0
                                       0.006 0
                                                   0
0
                                    0
                                              0
                                                     0 0
                                                            0
                                                                 0.006
                                 0.006 *0.294 0
                 0
                    0
                        0
                           0
                              0
                                                0
                                                       0
0
   0
             0.006 0 0 0.006 0
                                  0
                                     0 0 0
                                                0
                                                   0.006 0
                                         0.006 0 0.006 0
   0
                    0
                       0
                           0
                               0
                                  0
                                      0
                                                          0
0.006 0
                  0 0
                        0
                             0 0 0
                                      0.006 0.006 0
                                                            0.006 0.006
        0
           0
               0
                                                    0 0
          0.006 0
                  0.006 0 0.006 0
                                    0
                                      0
                                                          0
                                          0
                                             0.006 0
                                                     0
                0
                    0.006 0
                             0
                                    0.294 0
                                            0
                                                0
                                                   0
                                                       0
                                                          0.006 0
0
   0
                               0
                   0.006 0 0
                              0 0.006 0
                                          0
                                              0
                                                 0
                                                    0
                                                        0.006 0.006 0
   0
          0
             0
                0
                    0
                        0
                           0
                               0
                                  0
                                      0 0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0.006 0
0.006 0
        0
           0
               0
                   0
                      0
                         0
                             0
                                0
                                    0
                                      0
                                          0.006 0
                                                   0.006 0
0.006 0
        0
           0
               0
                   0
                      0
                        0
                             0
                                0
                                    0.006 0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0 0 0
```

```
0
                 0
                        0
                               0
                                  0.006 0
                                           0
                                              0
                                                  0
                                                     0.006 0.006 0 0
          0
                           0
0
   0
      0
          0
             0
                 0
                    0.006 0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0.006 0 0
                                                                 0 0
0
      0
          0
             0.006 0
                      0
                        0
                             0
                                0
                                    0
                                           0
                                              0
                                                  0
                                                         0 0 0
                    0.006 0
                                                        0.006 0
0
   0
      0
          0
             0
                 0
                             0
                                0
                                    0.006 0.006 0
                                                  0
                                                     0
                                                                 0.006
                                  0.006 0
   0.006 0
           0.006 0
                    0
                        0
                           0
                              0
                                           0
                                              0
                                                 0.006 0
                                                          0
                           0.006 0
                                    0 0.006 0
                                                   0
                                                          0.006 0.006 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                                               0
                                                       0
                                                          0.006 0
      0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
0.006 0.006 0
             0.006 0
                      0.006 0
                              0
                                  0
                                     0.006 0
                                              0
                                                 0
                                                     0
                                                            0
                                                        0
0.006
 82 82:0000217 215:000062
                        + 0
                              0
                                  0.006 0
                                          0
                                              0
                                                    0
                                                           0.007 0
                                                 0
0.006 0.008 0 0
                0
                              0.008 0.01 0
                                              0
                                                  0.008 0
                                                           0.008 0.008
                    0
                       0
                           0
                                            0
      0.008 0
               0 0.008 0
                               0
                                  0
                                     0
                                         0
                                            0.008 0
                                                     0.008 0
      0.008 0
               0.008 0
                       0
                           0
                               0
                                  0
                                     0
                                         0
                                            0.008 0
                                                     0
                                                        0
                                                               0.008
                                                            0
          0.007 0
                    0
                       0 0.007 0.007 0
                                            0.007 0.008 0 0
                                        0
0.008 0.008 0.008 0
                 0
                     0 0.01 0.008 0.008 0
                                           0.008 0
                                                    0 800.0
0.008 0.008 0
             0
                 0.008 0.008 0
                              0 0.008 0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0.007 0.008
                           0.008 0 0.008 0 0 0 0.007 0
  0
      0
          0
             0
                 0
                    0
                        0
                                                            0.007 0
0.007 0.008 0
             0
                 0
                    0.008 0
                             0
                               0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                     0.008 0
                                                               0.007 0
                              0.008 0
                                      0.008 0 0
                                                   0.007 0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                                                           0
                              0 0 0 0.008 0
      0.008 0.008 0
                    0
                        0
                           0
                                                 0.008 0.008 0
      0.01 0.008 0
                    0.800.0 800.0
                                 0 0
                                       0.008 0.008 0.007 0.008 0
0.008 0 0
           0.008 0
                    0.008 0 *0.011 0.008 0
                                           0
                                             0
                                                 0
   0.008 0
           0.008 0.007 0 0 0 0 0
                                           0
                                              0.007 0
                                                     0.007 0
                                                               0.008 0
0 0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                                      0.008 0
                                          0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                                     0.006 0.008 0 0
                                          0
                                             0
                                                 0
                 0.008 0 0.006 0
0.008 0 0 0 0
                                   0
                                      0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0.007 0 0
  0 0
         0
             0
                0.007 0 0 0 0.008 0 0
                                            0 0
                                                   0.008 0
                                                           0.008 0.007
0.008 0.008 0.007 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                    0.008 0 0.008 0
                                     0
                                        0
                                            0.007 0
                                                     0.008 0
          0
             0
                0
                                                             0
0.008 0 0.008 0
                        0.008 0
                               0.008 0.008 0
                                                 0.008 0
                                                          0.008 0.008 0
                 0
                    0
                                             0
0.008 0
        0
          0.008 0
                    0
                        0
                           0 0 0 0 0.008 0
                                                 0
                                                     0.006 0 0
      0.008 0.007 0
                        0
                           0.007 0
                                   0
                                      0
                                          0
                                                     0
                                                            0
                    0
                                             0
                                                 0
                                                        0
                                                               0
          0.008 0.008 0.008 0
                             0
 83 83:0000224 83:0000224
                          0.021 0 0
                                      0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                                  0
      0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                       0
0
      0
             0
                 0
                    0
                        0
                           0
                               0
                                  0.021 0
                                           0
                                              0
                                                  0
                                                     0.021 0
                                                              0
                                                                 0
                                                                    0
               0
                  0
                      0
                        0
                             0
                               0
                                    0
                                      0
                                           0
                                                  0
                                                     0.021 0
                              0 *0.101 0
                                                      0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                                           0
                                               0
                                                  0
                                                         0
                                                            0
                                                                   0
0
      0
                                                0
                                                   0.021 0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                     0
                                         0
                                            0
0
   0
      0
             0
                    0
                                      0
                                           0
                                                  0
          0
                 0
                        0
                           0.021 0
                                    0
                                              0
                                                     0
                                                         0
0
   0
      0
          0
             0
                 0
                    0
                        0
                                      0
                                         0
                                            0
                                                0
                                                       0
0
   0
      0
          0
             0
                 0
                    0
                        0
                                  0
                                      0
                                         0.021 0
                                                  0
                                                     0
                                                       0
                                                           0
                                                               0
                           0
                               0
   0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0.021 0
```

```
0
   0
      0
         0
            0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0.101 0
                                            0
                                              0
                                                  0
                                                    0
0
   0
      0
         0
            0
                  0
                        0
                           0
                              0
                                 0
                                    0
                                       0.021 0 0 0.021 0 0
                                             0 0 0.021 0
0
   0
     0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
0
   0
     0
         0
                                                   0 0
            0
               0.021 0
                      0
                         0
                            0
                                0
                                  0.101 0 0
                                             0
                                                 0
0
   0
         0
                                    0.021 0 0 0 0 0
     0
            0
               0
                  0
                     0
                           0
                              0
                                 0
                                                        0
                        0
0
      0
         0
   0
            0
               0
                  0
                     0
                        0
                           0.101 0
                                  0
                                      0
                                        0
                                            0
                                              0 0
0
   0
         0
               0
                     0
      0
            0
                  0
                        0
                           0
                                 0
                                    0
                                       0
                                             0
                                                 0
                                                    0
                              0
                                           0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                                 0
0.021 0 0
         0 0 0 0 0 0 0 0.021 0
                                       0
                                          0
                                             0.101 0
                                                    0
  0 0
 84 84:0000225 14:0000032
                     + 0 0 0
                                 0
                                   0
                                       0
                                         0
                                             0
                                                0
*0.037 0 0 0 0
                 0
                    0
                       0.037 0
                              0
                                  0
                                    0
                                       0.008 0
                                                0
                                                   0.008 0
0.008 0 0 0 0.008 0
                                 0.008 0
                                        0.008 0
                     0
                        0
                           0
                              0
                                                0
0.008 0 0.008 0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0 0 800.0 0 0 0
   0 0
        0
            0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0.008 0
                                           0.037 0.037 0.008 0
   0 800.0 800.0
                  0.008 0 0
                           0.008 0
                                    0
                                       0.008 0.037 0 0
0.008 0 0
          0
             0.008 0
                     0
                        0
                           0
                              0
                                 0
                                    0.008 0 0 0 0
                                                    0
   0.008 0
         0.008 0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0 0 0 0 0 0.008 0
        0
            0
              0
                  0
                     0.008 0 0 0 0 0 0 0 0
      0
         0.008 0
                  0
                     0 0
                           0 0
                                 0
                                    0
                                       0 800.0 800.0
0
   0.037 0
                                                     0
         0.008 0 0.008 0.008 0 0 0 0 0 0.008 0 0
0
0
   0.008 0.008 0 0
                     0 0.008 0 0
                                 0.008 0 0.008 0 0 0
                     0.008 0
                           0.008 0
                                       0
                  0
                                    0
                                          0
                                             0 0
     0.008 0 0 0 0.008 0 0.008 0 0 0 0 0.008 0 0 0.008
0
            0
              0.008 0
                     0 0 0.037 0
                                    0.037 0
                                            0
                                              0
                                                  0
                                                    0
   0.037 0
         0 0 0 0 0.008 0
                           0
                              0
                                 0
                                    0
                                       0 0
                                             0 0 0
                                                      0
                                                          0
            0 0 0
                           0
                              0
                                 0
                                       0
                                           0.037 0 0
                    0
                        0
                                    0
                                                        0.008
         0 0 0.008 0 0
                           0.008 0.037 0
                                       0
                                          0.037 0 0
0.008 0
      0
                                                     0
         0 0.008 0 0
                         0 0.008 0
                                       0
                     0
                                          0 800.0
                                                     0.008 0 0
   0.008 0
         0.008 0.008 0
                     0 0.008 0 0 0.008 0 0.008 0 0
                                                     0.037 0
                  0.008 0
                                            0 0.008 0
            0
               0
                         0
                            0 0
                                  0 0
                                        0
0
   0
         0
            0
               0
                  0
                    0 0 0 0 0 0 0 0 0 0.008 0.008
      0
   0
      0
 85 85:0000231 14:0000032
                      + 0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
*0.037 0
       0 0
              0
                 0
                    0
                       0.037 0
                              0
                                  0
                                    0 800.0
                                                0
                                                   0.008 0
0.008 0 0 0
             0.008 0
                     0
                        0
                           0
                              0
                                 0.008 0 0.008 0
                                    0 0 0 0 0.008 0
0.008 0 0.008 0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0.008 0 0.037 0.037 0.008 0
     0
         0
            0
                     0
                        0
                           0
                              0
                                 0
     0.008 0.008 0
                  0.008 0
                         0
                            0.008 0
                                    0
                                       0.008 0.037 0 0
   0
                                                      0.037
0.008 0 0
             0.008 0
                     0
                        0
                           0
                              0
                                 0
                                    0.008 0
                                            0
                                              0
   0.008 0
          0.008 0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0 0 0 0 0 0 0.008 0
        0
            0
                  0
                     0.008 0
                            0 0
                                  0
                                     0
                                        0 0
                                              0 0
   0.037 0 0.008 0
                  0
                     0 0 0 0 0 0 0 0.008 0.008 0 0 0
```

0 0

0.021 0

0.021 0

0 0

0 0 0 0 0.021 0

```
0.008 0 0.008 0.008 0 0 0
                                      0 0 0.008 0 0 0
                                          0.008 0 0
   0.008 0.008 0
               0 0
                     0 800.0
                                0
                                   0.008 0
                                                      0
                  0
                     0.008 0 0.008 0 0
                                           0
                                               0 0 0
      0.008 0 0 0 0.008 0 0.008 0 0 0 0 0.008 0 0
0
                                                           0.008
               0.008 0
                      0 0 0.037 0
                                               0
                                    0.037 0
   0.037 0 0 0 0 0.008 0
                           0
                               0 0
                                     0
                                        0
                                           0 0 0
                                                    0
            0
              0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                            0.037 0
                                                   0
                                                          0.008
         0 0 0.008 0 0
                           0.008 0.037 0
                                        0
                                           0.037 0
       0
                                                   0
                                                      0
                                                         0
         0 0.008 0 0 0 0 0.008 0
                                        0
                                           0 0.008 0
                                                      0.008 0 0
   0.008 0
          0.008 0.008 0
                      0 0.008 0 0 0.008 0 0.008 0 0
                                                       0.037 0
               0
                  0.008 0 0 0 0 0 0 0 0 0 0.008 0 0
                  0 0 0 0 0 0 0 0 0 0 0.008 0.008
0
   0
      0
         0
            0
               0
   0
 86 86:0000234 215:000062
                     + 0
                           0 0.006 0 0 0 0 0
                                                      0.007 0
0.006 0.008 0 0
               0 0
                     0
                        0
                            0.008 0.01 0
                                       0 0.008 0
                                                      0.008 0.008
      0.800.0
             0
                0 0.008 0
                            0
                               0
                                  0
                                     0
                                        0.008 0
                                                0.008 0
0 0 0.008 0 0.008 0
                     0 0
                                        0.008 0
                            0
                               0 0
                                     0
                                               0 0
                                                      0.008
         0.007 0 0 0 0.007 0.007 0
                                    0
                                        0.007 0.008 0 0
0.008 0.008 0.008 0
                0 0 0.01 0.008 0.008 0
                                       0.008 0
                                               0 0.008 0
               0.008 0.008 0
0.008 0.008 0
            0
                           0 800.0 0
                                         0 0
                                                0
                                                      0.007 0.008
  0
                         0.008 0 0.008 0 0
                                              0.007 0
                                                      0.007 0
      0
         0
            0
               0
                  0
                     0
0.007 0.008 0
            0
               0
                  0.008 0
                          0 0 0
                                  0 0 0 0
                                               0.008 0
      0
         0
            0
               0
                  0
                     0
                         0 0.008 0 0.008 0 0 0.007 0
                                                     0
                                                         0.007 0
      0.008 0.008 0
                           0 0 0 0 0.008 0 0.008 0.008 0
                  0
                     0
                        0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
          0.008 0
                  0.008 0 *0.011 0.008 0
                                       0
                                         0
                                             0
   0.008 0
          0.008 0.007 0 0 0 0
                                0
                                   0
                                       0
                                          0.007 0 0.007 0
                                                         0.008 0
   0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                      0.008 0 0
                                                 0.008 0
                                                         0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                      0
                                               0.006 0.008 0 0
                                         0 0
         0 0 0.008 0 0.006 0 0
                                                      0.007 0 0
                                       0
                                             0
                                                0
                                                  0
        0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
   0 0
0.008 0.008 0.007 0
                0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                      0.008 0.007
                  0.008 0 0.008 0 0 0 0.007 0
         0
            0
               0
                                               0.008 0
                                                       0 0
0.008 0 0.008 0
                     0.008 0 0.008 0.008 0 0
                                             0.008 0 0.008 0.008 0
               0
                  0
0.008 0 0 0.008 0
                        0 0000 0.008 0
                                                0.006 0
                  0
                     0
                                             0
                                                       0 0
                     0 0.007 0 0 0 0 0
                                             0
      0.008 0.007 0
                  0
                                                0
                                                   0
                                                     0 0 0
         0.800.0 800.0 800.0
                          0
                             0
 87 87:0000244 16:0000044
                      + 0
                           0
                              0
                                  0
                                    0
                                        0
                                          0
                                              0
                                                 0
                                                     0
                                                              0
                              0
0
      *0.414 0
                       0
                          0
                                 0
                                    0
                                       0
                                          0
                                              0
0
                                        0
   0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                            0
                                               0
                                                  0
                                                     0
                                                           0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0
0
      0
         0.029 0
               0 0
                      0 0
                            0 0
                                  0 0
                                         0.414 0
                                                  0
                                                     0
                                                              0
   0
0
                      0
                         0
                            0
                               0
                                  0
                                     0.029 0
                                             0
                                                0
                                                   0
                                                             0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0.029 0
                                             0
                                                0
                                                   0
                                                          0
                                                             0
```

```
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0.029 0
                                           0
                                               0
                                                  0
                                                         0
0
              0
   0
      0
          0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
                               0
0
      0
          0
              0
                    0
                        0
                            0
                                   0
                                      0
                                          0
                                                 0
                                                        0
                                                               0
                                                                  0
   0
                 0
                               0
                                             0
                                                    0
                                                           0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                                  0
                                                               0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
                        0
                                                           0
0
   0
       0
          0
              0
                 0
                     0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                               0
                                                                  0
          0.029 0 0 0
0
   0
       0
                         0
                             0 0 0
                                       0 0
                                              0 0
                                                     0.029 0
 88 88:0000246 88:0000246
                          0
                              0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
                                   0
                                                 0
                                                                  0
   0
      0
              0
                 0
                     0
                        0
                            0
                               0
                                      0
                                          0
                                             0
                                                    0
                                                           0
                                                               0
0
   0
          0.029 0
                      0
                             0
                                    0
                                       0 0
                                             0 *0.829 0
                                                           0
                                                               0
      0
                   0
                         0
                                 0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0.029 0 0 0
                                                            0
                                                                0
0
   0
      0
              0
                    0
                        0
                            0
                                   0
                                      0
                                          0
                                             0.029 0
                                                         0
                                                            0
                                                                0
                                                                    0
          0
                 0
                               0
                                                     0
0
   0
          0
                        0
      0
              0
                 0
                    0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0.029 0
                                                  0
                                                      0
                                                         0
                                                            0
                                                                0
                                              0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                                    0
                                                        0
                                                           0
                                                                  0
                                      0
                                          0
                                             0
                                                 0
                                                               0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                                  0
                                                               0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
                 0
                               0
                                   0
                                      0
                                          0
                                                           0
   0
       0
          0
              0
                     0
                        0
                            0
                                             0
                                                 0
                                                    0
                                                        0
                                                               0
                                                                  0
   0
       0
              0.029 0
                     0
                        0
                            0 0 0 0 0
                                              0
                                                  0
                                                     0
                                                         0.029 0
 89 89:0000249 38:0000103
                        + 0 0 0 0 0 0
                                               0
                                                   0
                                                      0
                                                           0
                                                              0
                                                                  0
                                                                     0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                   0
                                                           0
0
   0
       0
                0 0
                        0
                            0
                                                        0
             *0.043 0
                      0
                          0
                                 0
                                        0
                                            0
                                                      0
                                                          0
                                                             0
0
   0
      0
          0
                             0
                                    0
                                               0
                                                   0
                                                                 0
   0
          0
                0 0
                       0
                            0
                              0
                                  0 0
                                         0
                                             0
                                                 0
                                                   0
                                                        0
                                                          0
                                                               0
              0
0.043 0 0
          0
               0 0 0
                        0 0 0 0 0 0
                                              0
                                                  0
                                                     0 0.043 0
                                                                  0
                            0 0.043 0 0
                                                  0
   0
                0
                    0
                        0
                                           0
                                              0
                                                      0
                                                         0
0
              0
                0
                    0
                        0
                            0 0 0 0 0
                                                 0 0
                                                        0
                                                           0
                                                               0
   0.043 0
           0 0 0 0 0 0 0 0 0 0
                                                  0
                                                     0
                                                         0
                                                                0
0
   0
      0
          0 0 0 0 0 0 0 0 0 0 0 0.043 0
                                                        0
                                                             0
                                                                0
                                                                    0
```

```
0
               0
                   0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
0
  0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0.043 0
      0
         0
            0
               0
                   0
                      0
                         0
                            0
                               0
                                      0
                                            0
                                               0.043 0.043 0
   0
      0
         0
            0
               0
                   0
                      0
                         0
                            0.043 0
                                   0 0
                                         0 0
0.043 0
                      0
                            0
                                  0
                                        0
                                               0
       0
          0.043 0
                  0
                         0
                               0
                                     0
                                           0
                                                  0
0.043 0
       0
          0
              0 \quad 0
         0
            0 0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
   0.043 0
             0
                0.043 0 0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0.043 0
          0
0.043 0
                    0 0 0 0 0 0
                                         0 0
              0
                0
                                               0 0
0.043 0
       0
          0
              0
                0 0.043 0
                           0 0
                                  0 0
                                        0 0
                                               0
                                                  0
                                                     0
                                                        0
                                                            0
            0 0 0.043 0 0 0 0.043 0.043 0 0
                                                0
                  0 0 0 0 0.043 0 0 0 0 0
0
      0
            0
               0
 90 90:0000252 22:0000060
                      + 0 0 0 0
                                    0
                                       0 0
                                              0
                                                 0 0 0
      0
               0
                   0
                      0 *0.116 0 0
                                    0
                                       0.01 0
                                              0
                                                  0.01 0
                                                        0 0.01
0
            0
         0.01 0
                0
                   0
                       0
                          0
                             0.01 0
                                    0.01 0
                                            0
                                               0
                                                  0
                                                     0
   0.01 0 0
             0
                0
                  0
                       0
                         0
                             0
                                0 0
                                      0
                                          0
                                             0.01 0
                                                   0
                                                       0
         0
            0
               0
                  0
                      0
                         0
                           0 0.01 0
                                      0
                                          0
                                             0.01 0
                                                    0
                                                 0.01 0
                      0.01 0 0 0.01 0
0.01 0.01 0 0.01 0
                  0
                                       0
                                           0
                                              0
                                                        0
         0
             0
                0 0 0.01 0 0 0 0
                                       0
                                           0
                                              0
                                                 0
                                                   0.01 0
                     0
                         0
                           0
                               0
                                  0
                                     0
                                        0.01 0
                                                      0
         0
               0
                  0
                                                0
                                                   0
            0
                0
                   0
                       0
                          0 0 0 0 0
                                          0
                                             0
                                                0
         0
            0
               0
                  0 0
                         0.01 0.01 0 0 0 0 0
                                                   0
                                                       0.01 0
                 0
                    0 0.116 0.01 0
                                       0
                                             0
                                                0
                                                    0.01 0.01 0
0.01 0.01 0
          0
             0
                                   0
                                         0
         0.01 0 0 0.01 0
                          0.01 0 0 0 0
                                                     0
                                            0
                                              0
                                                  0
      0.01 0
             0.01 0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                           0
                                             0
                                                 0
                                                    0
                                                       0.01 0
      0.01 0
             0.01 0
                    0
                        0
                           0
                              0
                                 0.01 0
                                         0
                                            0.01 0
                                                   0
                                                      0
0.01 0
       0
          0
                0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                          0
0.01 0
          0
                       0
                          0
                             0
                                   0
                                          0
                                                             0
       0
             0
                0
                    0
                                0
                                      0
                                             0
                                                0
                                                   0
                                                       0
                                      0.01 0.01 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                                 0
                                                    0
                                                       0
0
      0.01 0
             0
                0
                   0
                       0 0
                             0
                                0 0
                                      0
                                          0
                                             0
                                                0
                                                   0.01 0
      0.01 0
                0 0.01 0 0.01 0
                                  0
                                         0.01 0
                                                0.01 0.01 0
                                     0
0.01 0
      0 0.01 0 0.01 0 0 0 0
                                     0
                                         0 0 0 0 0.01 0
                      0.01 0 0 0 0 0 0
            0
              0
                 0
                                                0 0
                                                      0
        0
            0
               0
                  0
                      0.01 0.01 0.01 0
                                     0
                                         0
 91 91:0000253 215:000062
                      + 0
                           0 0.006 0 0 0 0
                                                0 0
                                                      0.007 0 0
0.006 0.008 0 0
               0
                                        0 0.008 0
                  0
                     0
                         0
                            0.008 0.01 0
                                                      0.008 0.008
      0.008 0
             0
                0 0.008 0
                                  0
                                         0.008 0
                                                0.008 0
                                                       0 0
                            0
                               0
                                     0
      0.008 0
              0.008 0
                     0 0
                            0
                                  0
                                     0
                                         0.008 0
                               0
                                                0
0.008 0 0
         0.007 0 0 0 0.007 0.007 0
                                    0
                                        0.007 0.008 0
                                                     0
                                                        0.008 0
0.008 0.008 0.008 0
                0 0 0.01 0.008 0.008 0
                                        0.008 0
                                                  0.008 0
0.008 0.008 0
            0
               0.008 0.008 0 0 0 0.008 0 0
                                                0
                                                   0
                                                       0.007 0.008
               0
                   0
                      0
                         0.008 0 0.008 0
                                        0 0
                                               0.007 0
                                                       0.007 0
0.007 0.008 0
            0
               0
                  0.008 0 0 0 0 0 0 0
                                                0.008 0
                                                       0 0
```

```
0.008 0 0.008 0 0 0.007 0 0
     0 0 0 0
                0 0
                      0
     0.800.0 800.0
                0 0 0 0 0 0 0.008 0 0.008 0 0 0
     0.01 0.008 0
                0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
         0.008 0 0.008 0 *0.011 0.008 0
                                   0 0 0 0 0 0.007 0
  0.008 0 0.008 0.007 0 0
                         0
                                      0.007 0 0.007 0 0.008 0
                             0
                                0
                                   0
0 0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                   0.008 0 0
                                            0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                   0
                                      0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                            0
                                                 0.007 0 0
                                   0
                                      0
                                         0
                                              0
0 0 0 0 0 0.007 0 0 0.008 0 0 0 0.008 0
0 0.008 0.007
                                           0.008 0 0 0
0 0 0 0 0
                 0.008 0 0.008 0 0 0 0.007 0
0.008 0 0.008 0 0
                 0
                   0.008 0 0.008 0.008 0 0
                                         0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                   0 0 0 0 0
                                 0.008 0
                                            0.006 0
                 0
                                         0
0 0 0.008 0.007 0 0 0 0.007 0 0 0
                                     0
                                         0
                                            0
                                              0
                                                 0 0 0
     0 0.008 0.008 0.008 0 0
 92 92:0000255 215:000062
                   + 0
                        0 0.006 0 0
                                     0 0
                                           0
                                                 0.007 0
0.006 0.008 0 0 0 0 0 0 0.008 0.01 0 0 0.008 0
                                                 0.008 0.008
0 0 0.008 0 0 0 0.008 0 0
                              0
                                  0
                                     0.008 0
                                           0.008 0 0 0 0
0 0 0.008 0 0.008 0 0
                               0
                                    0.008 0
                         0
                            0
                                  0
                                           0 0 0 0.008
        0.007 0 0 0 0.007 0.007 0 0
                                    0.007 0.008 0 0 0.008 0
0.008 0.008 0.008 0
              0 0 0.01 0.008 0.008 0 0.008 0
                                           0 0.008 0
              0.008 0.008 0 0 0 0.008 0
0.008 0.008 0
                                     0 0
                                           0 0
0 0
     0 0
           0
              0
                 0
                   0 0.008 0 0.008 0 0 0 0.007 0
                                                 0.007 0 0
0.007 0.008 0
                 0.008 0
                        0
                          0 0
                                   0
                                     0 0.008 0
           0
              0
                               0
0 0
     0
                      0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
        0
           0
             0
                 0
                   0
     0.800.0 800.0
                   0 0 0 0 0 0 0.008 0 0.008 0
                0
                0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0 0 0.01 0.008 0
0.008 0 0 0.008 0
                0.008 0 *0.011 0.008 0
                                   0 0 0 0 0 0.007 0
0 800.0
        0.008 0.007 0 0 0 0 0
                                   0
                                      0.007 0 0.007 0 0.008 0
                               0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                   0.008 0 0
                                            0.008 0 0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                   0 0 0.006 0.008 0 0
        0 0 0.008 0 0.006 0 0
                                            0
                               0
                                   0
                                      0
                                                 0.007 0 0
0 0 0 0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
0 0.008 0.007
0 0 0 0 0
                 0.008 0 0.008 0 0 0 0.007 0
                                           0.008 0
                 0 0.008 0 0.008 0.008 0 0 0.008 0 0.008 0.008 0
0.008 0 0.008 0 0
0.008 0 0 0.008 0
                 0
                   0 0 0 0 0 0.008 0
                                         0
                                           0.006 0 0 0 0
0 0 0.008 0.007 0
                 0 0 0.007 0 0 0 0
                                         0
                                            0 0
                                                0 0 0
        0.008 0.008 0.008 0 0
 93 93:0000259 34:0000095
                   + 0 0
                           0 0 0 0 0 0.008 0.006 0.008 0
0.006 0 0 0 0.008 0 0 0 0.007 0.006 0
                                   0
                                      0.004 0 0.006 0 0.008
     0.007 0 0
               0.008 *0.013 0 0 0 0 0
                                      0.006 0.006 0 0 0
        0.006 0
                 0 0 0 0.004 0.006 0.008 0 0.008 0.006 0
0 0.006 0 0 0 0 0.008 0 0.006 0 0 0 0.013 0 0 0 0.008
```

```
0.006 0 0 0 0 0
                     0
                       0
                            0
                               0
                                  0
                                      0
                                         0.008 0
                                                  0.01 0.008 0 0
         0.008 0
                  0
                     0
                        0
                            0
                               0
                                  0
                                     0.006 0 0
                                                 0.006 0
       0.004 0 0.008 0.006 0.006 0
                                  0
                                      0
                                         0.004 0.006 0
0.006 0 0
           0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
                      0.007 0
                              0.008 0 0.01 0.007 0
   0.008 0
           0.004 0
                   0
                                                   0
      0.006 0.008 0 0.006 0.007 0.006 0 0 0 0.006 0 0.004 0 0.007 0
   0.004 0
              0.008 0 0.006 0 0.008 0 0 0.006 0 0
                                                      0.008 0.008
0.006 0
                 0.006 0
                          0 0
                                 0 0.006 0
                                                0.006 0 0
       0
           0
              0
0.008 0.006 0.008 0
                 0 0 0
                            0 0 0 0.006 0
                                                 0 0.008 0.006 0.008
                                              0
                                              0.800.0
   0.013 0
           0.008 0
                   0
                      0 0
                             0
                                0
                                    0
                                       0
                                          0
                                                      0
                                                          0
                                                             0.006 0
           0.006 0
   0.006 0
                   0
                      0 0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0 0.004 0
                                                    0
                                                          0.01 0
                                                      0
          0.008 0.006 0 0.006 0.006 0
                                     0.006 0
                                              0
                                                 0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                           0 0
                                                 0
                                                     0 0
                                                               0
0.008 0
           0 0.008 0.004 0 0 0 0.004 0
                                           0.008 0
                                                  0.008 0
                                                           0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                0.008 0 0
                                            0
                                                0.008 0
0.006 0 0 0.004 0 0.006 0.008 0
                                    0 0
                                           0.008 0.004 0.006 0.006 0
                                0
  0 0.006 0
              0
                 0 0
                        0.006 0
                                 0
                                    0.006 0
                                            0
                                                0
                                                   0.008 0
                                                          0.004
0.004 0.006 0.004 0
                 0.008 0
                                 0.008 0
                          0
                             0
                                         0
                                            0
                                                0
                                                   0
                                                      0.006 0 0.008
 94 94:0000266 215:000062
                       + 0
                             0
                                0.006 0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                         0.007 0
0.006 0.008 0 0 0
                             0.008 0.01 0
                                             0
                                                 0.008 0
                                                         0.008 0.008
                   0 0
                          0
                                          0
      0.008 0 0 0 0.008 0
                             0
                                 0
                                    0
                                        0
                                           0.008 0
                                                   0.008 0
   0
      0.008 0
              0.800.0
                      0 0
                             0
                                 0
                                    0
                                       0
                                           0.008 0
                                                   0
                                                      0
                                                          0
                                                             0.008
                       0 0.007 0.007 0
       0
          0.007 0
                   0
                                      0
                                           0.007 0.008 0
0.008 0.008 0.008 0
                0 0 0.01 0.008 0.008 0
                                          0.008 0
                                                  0 0.008 0
0.008 0.008 0
             0
                0.008 0.008 0
                             0 0.008 0
                                            0 0
                                                   0
                                                          0.007 0.008
   0
      0
         0
             0
                0
                    0
                       0
                          0.008 0 0.008 0 0
                                                 0.007 0
                                                          0.007 0
0.007 0.008 0
                                  0
                                     0
                                           0
                                                0
                                                   0.008 0
             0
                0
                   0.008 0
                            0
                              0
                                         0
                                                           0 0
   0
             0
                             0.008 0 0.008 0 0
                                                 0.007 0
0
      0
         0
                0
                    0
                       0
                          0
                                                             0.007 0
      0.008 0.008 0
                                       0.008 0 0.008 0.008 0
                   0
                       0
                          0 0 0 0
                   0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
      0.01 0.008 0
0.800.0
                   0.008 0 *0.011 0.008 0
           0.008 0
                                         0
                                            0
                                                0
                                                         0.007 0
   0.008 0
           0.008 0.007 0 0 0 0 0
                                         0
                                            0.007 0 0.007 0
   0.008 0.008 0.008 0 0 0 0.008 0
                                                    0.008 0
                                         0.008 0 0
                                                             0.007 0
0.008 0 0.008 0 0
                   0.007 0.008 0 0.008 0
                                                   0.006 0.008 0
                                         0
                                            0
                                               0
0.008 0 0 0 0.008 0 0.006 0 0
                                         0
                                           0
                                                0
                                                   0
                                                      0
                                                          0.007 0 0
             0
                0.007 0 0 0 0.008 0 0
                                          0 0
                                                 0.008 0
         0
0.008 0.008 0.007 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                         0.008 0.007
                   0.008 0
                           0.008 0 0 0 0.007 0
         0
             0 0
                                                   0.008 0
                                                          0 0
0.008 0
       0.008 0
                       0.008 0
                              0.008 0.008 0
                                            0
                                                0.008 0 0.008 0.008 0
                0
                   0
0.008 0 0 0.008 0
                   0
                       0
                          0 0 0
                                    0 800.0
                                                0
                                                   0.006 0
                                                          0 0
                          0.007 0 0 0 0 0
      0.008 0.007 0
                   0
                       0
                                                0
                                                   0 0
                                                         0 0 0
         0.008 0.008 0.008 0
                           0 0
```

95 95:0000278 95:0000278

0 0

0 0 0

0.01 0 0.01 0

```
0.006 0 0
                   0 0.006 0
                                     0
                                         0.006 0
                                                  0
                                                      0
                                                          0.008 0
0.004 0.006 0.004 0
                    0.008 0
                             0
                                 0
                                     0.008 0
                                              0
                                                  0
                                                      0
                                                         0
                                                             0.006 0
                                                                      0.008
  97 97:0000292 215:000062
                           + 0
                                 0
                                     0.006 0
                                                         0
                                                                 0.007 0
                                              0
                                                  0
                                                     0
                                                             0
0.006 0.008 0 0 0 0
                         0
                                 0.008 0.01 0
                                               0
                                                   0
                                                       0.008 0
                                                                0.008 0.008
                             0
       0.008 0
                0
                    0
                       0.008 0
                                 0
                                     0
                                         0
                                             0
                                                0.008 0
                                                         0.008 0
                                                                   0
       0.008 0
                0.008 0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                0.008 0
                                                         0
                                                                     0.008
                                                             0
0.008 0 0
           0.007 0 0 0 0.007 0.007 0
                                                0.007 0.008 0 0
                                                                  0.008 0
                                           0
0.008 0.008 0.008 0
                    0
                       0
                          0.01 0.008 0.008 0
                                               0.008 0
                                                         0
                                                            0.008 0
                  0.008 0.008 0
                                0 0.008 0
                                                 0 0
                                                         0 0
0.008 0.008 0
              0
                                                                 0.007 0.008
       0
           0
               0
                  0
                      0
                          0
                              0.008 0 0.008 0 0
                                                       0.007 0
                                                                 0.007 0
0.007 0.008 0
                      0.008 0
                                       0
                                          0
                                              0
                                                 0
                                                      0
                                                         0.008 0
              0
                  0
                               0
                                  0
                                                                   0 0
                                 0.008 0 0.008 0 0 0.007 0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                                                 0
                                                                     0.007 0
       0.008 0.008 0
0
   0
                      0
                          0
                             0
                                 0 0 0 0.008 0 0.008 0.008 0
                                                                     0
       0.01 0.008 0
                     0.008 0.008 0
                                   0 0
                                           0.008 0.008 0.007 0.008 0
0.008 0 0
             0.008 0
                      0.008 0 *0.011 0.008 0
                                              0
                                                 0
                                                      0
                                                          0
                                                              0 0.007 0
   0.008 0
             0.008 0.007 0
                          0
                               0
                                  0
                                       0
                                          0
                                              0
                                                  0.007 0
                                                          0.007 0 0.008 0
                                                           0.008 0
   0.008 0.008 0.008 0 0 0 0.008 0
                                              0.008 0 0
                                                                     0.007 0
        0.008 0 0 0.007 0.008 0
                                    0.008 0
                                              0
                                                  0
                                                    0
                                                         0.006 0.008 0
           0 0 0.008 0 0.006 0 0
                                                          0
                                                                 0.007 0 0
0.008 0 0
                                              0
                                                  0
                                                      0
                                                             0
                 0.007 0 0 0 0.008 0 0 0
           0
              0
                                                        0.008 0
0.008 0.008 0.007 0
                   0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                            0
                                                                0.008 0.007
           0
               0
                  0
                      0.008 0 0.008 0
                                        0
                                            0
                                                0.007 0
                                                         0.008 0
                                                               0.008 0.008 0
0.008 0 0.008 0
                  0
                      0
                          0.800.0 800.0 0 800.0
                                                  0
                                                      0.008 0
0.008 0
         0
            0.008 0
                                0 0
                                        0
                                             0.008 0
                                                      0
                                                          0.006 0
                      0
                          0
                             0
                                                                   0
   0
       0.008 0.007 0
                      0
                          0
                             0.007 0 0 0
                                              0
                                                 0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
                               0
           0.008 0.008 0.008 0
                                   0
  98 98:0000293 2:0000003
                          + 0
                                *0.207 0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
0
   0
       0
           0
               0
                  0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                        0
                                                            0
                                                                0
                      0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0.207 0
                                                              0
0
   0
                          0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
       0
           0
               0
                  0
                      0
                              0
                                                        0
                                                            0
0
                                       0
   0
       0
           0
               0.029 0
                        0
                            0
                               0
                                   0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                  0.207 0
                                                  0.029 0.207 0
0
   0
       0
           0
               0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                                 0
                                                                     0
                                                                         0
0
   0
                                                    0.029 0
       0
           0
               0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                                         0
0
   0
                                                 0
                                                            0
                                                                0
                                                                       0
       0
           0
               0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                    0
                                                        0
                                                                    0
                  0
0
                                                                       0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                        0
                                                            0
                                                                0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0.029 0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
               0
                      0
           0
                  0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                   0
                                                                       0
0
   0
           0
               0
                          0
       0
                  0
                      0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                   0
                                                                       0
0
   0
       0
           0
               0
                          0
                              0
                                                                       0
                  0
                      0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                   0
0
   0
       0
           0
               0
                      0
                          0
                              0
                                     0
                                             0
                                                    0
                                                            0
                                                                   0
                                                                       0
                  0
                                 0
                                         0
                                                 0
                                                        0
                                                                0
0
   0
                          0
       0
           0
               0
                  0
                      0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                   0
                                                                       0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                   0
                                                                       0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                   0
                                                                       0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                   0
                                                                       0
```

```
0
                                   0
                                       0
                      0
                             0
                                          0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                0.029 0
                       0
                           0
                             0
                                  0
                                    0
                                        0
                                          0
                                               0
                                                  0 0
 99 99:0000295 99:0000295
                               0
                                      0
                                            0
                         0
                            0
                                  0
                                         0
                                               0
                                                   0
                                                     0
0
      0
         0
                      0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                          0
0
   0
      0
         0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0.083 0
0
   0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                                          0
0
   0
      0
         0.029 0
                 0
                     0
                       0
                           0
                              0
                                  0
                                    0
                                       0
                                           0
                                               0
                                                 0
                                                     0
                                                        0
0
   0
      0
         0
                *0.401 0
                        0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
0
   0
      0
         0
             0
                   0
                      0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                          0
                             0
0
   0
         0
                                                              0
      0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                       0
                                          0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                0.029 0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                            0
                                                        0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                    0
                                                0
                                0
                                       0
                                          0
                                             0
                                                    0
                                                       0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                    0
                                       0
                                          0
                                                    0
                                                       0
                                                          0
                                                              0
                                             0
                                                0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0
0
   0
      0
         0
             0
                   0
                      0
                          0
                                0
                                       0
                                             0
                                                    0
                0
                             0
                                   0
                                          0
                                                0
                                                       0
                                                          0
                                                              0
0
   0
         0
                      0
                                   0
                                       0
                                          0
                                                0
                                                              0
      0
             0
                0
                   0
                          0
                             0
                                0
                                             0
                                                    0
                                                       0
                                                          0
0
         0
                      0
   0
      0
             0
                0
                   0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                                                              0
                                                          0
0
   0
                      0
      0
         0
             0
                0
                   0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0.401 0
0
   0
      0
         0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                                                          0 0
   0
         0.029 0
                0 0
                       0
                           0 0
                                  0 0
                                        0
                                           0
                                              0
                                                 0.029 0
 100 100:000029 215:000062
                       + 0
                             0 0.006 0
                                        0
                                          0
                                              0
                                                 0 0 0.007 0 0
0.006 0.008 0 0 0 0 0 0
                             0.008 0.01 0
                                         0 0.008 0
                                                        0.008 0.008
                0 0.008 0
                                          0.008 0
0 0.008 0
             0
                             0
                                0
                                   0
                                      0
                                                  0.008 0
      0.008 0 0.008 0 0
                             0
                                0
                                   0
                                      0
                                          0.008 0
                                                 0 0
                                                       0.008
0.008 0 0
          0.007 0 0 0 0.007 0.007 0
                                     0
                                          0.007 0.008 0 0
                                                         0.008 0
0.008 0.008 0.008 0
                0 0 0.01 0.008 0.008 0
                                        0.008 0
                                                 0 0.008 0
0.008 0.008 0
                0.008 0.008 0 0 0 0.008 0 0 0
            0
                                                        0.007 0.008
  0
      0
         0
             0
                0
                   0
                      0
                         0.008 0 0.008 0 0 0 0.007 0
                                                        0.007 0
0.007 0.008 0
                                    0 800.0 0 0 0
            0
                0
                   0.008 0
                           0
                             0 0
   0
      0
                          0 0.008 0 0.008 0 0 0.007 0
                                                       0 0.007 0
         0
             0
                0
                   0
                      0
      0.008 0.008 0
                        0 0 00 0 0.008 0 0.008 0
                      0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0 0
0.008 0 0
          0.008 0
                   0.008 0 *0.011 0.008 0
                                          0 0 0 0 0.007 0
                                        0
   0.008 0
           0.008 0.007 0 0 0 0 0
                                           0.007 0 0.007 0 0.008 0
                                        0
   0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                        0.008 0 0
                                                   0.008 0
                                                           0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                        0
                                           0 0
                                                 0.006 0.008 0 0
          0 0 0.008 0 0.006 0 0
                                        0
                                               0
                                                  0
                                                    0
                                                        0.007 0 0
   0 0
         0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
                                                        0
0.008 0.007
0 0 0
         0
            0 0 0.008 0 0.008 0 0 0 0.007 0 0.008 0
```

```
0.008 0 0.008 0.008 0 0
0.008 0
         0.008 0 0
                      0
                                                     0.008 0
                                                              0.008 0.008 0
0.008 0 0
           0.008 0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                            0.008 0
                                                     0
                                                         0.006 0
                                                                 0
                                                                      0
       0.008 0.007 0
                      0
                         0
                             0.007 0 0
                                         0
                                             0
                                                0
                                                     0
                                                         0
                                                           0
                                                               0
   0
           0.008 0.008 0.008 0
       0
                               0
                                  0
 101 101:000030 14:0000032
                          + 0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                  0
   *0.037 0
                    0
                        0
                               0.037 0
                                         0
                                            0
                                                0
                                                    0.008 0
                                                            0
                                                                 0.008 0
             0
                0
                            0
   0.008 0
                    0.008 0
                             0
                                            0.008 0 0.008 0
                                                              0
0
            0
                0
                                 0
                                     0
                                        0
                                                                  0
0
   0.008 0
            0.008 0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0.008 0
0
       0
           0
              0
                 0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0.008 0 0.037 0.037 0.008 0
       0
           0.008 0.008 0
                         0.008 0
                                  0
                                      0.008 0
                                               0
                                                  0.008 0.037 0
                                                                  0
0.008 0
        0
            0 0.008 0
                                        0
                                            0.008 0
                                                     0
                                                                    0
                         0
                             0
                                 0
                                    0
                                                        0
                                                            0
                                               0 0 0
   0.008 0
            0.008 0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                           0 0
                                                                  0.008 0
0
       0
          0
              0
                 0
                      0
                         0.008 0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
0
   0.037 0
           0.008 0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                               0
                                                   0.008 0.008 0
                                            0
0
           0.008 0
                  0.800.0 800.0
                                 0
                                      0
                                          0
                                              0
                                                0
                                                     0.008 0 0
   0.008 0.008 0
                  0
                      0
                         0
                             0.008 0
                                      0
                                          0.008 0
                                                  0.008 0
                                                            0
                         0.008 0 0.008 0
0
           0
                  0
                      0
                                            0 0
                                                   0
                                                       0 0 0
                                                                      0 0
                   0 0.008 0
                                0.008 0
0
                                         0
                                              0
                                                 0
                                                     0
                                                        0.008 0
                 0.008 0
                          0 0
                                  0.037 0
                                            0.037 0
0
              0
                                                     0
                                                         0
                                                            0
                                                                0
                  0 0.008 0
   0.037 0
           0
                0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                      0 0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                   0.037 0
                                                                    0.008
0
           0
              0
                                                0
                                                            0
                                                                0
                                 0.008 0.037 0
                0 800.0
                             0
                                               0
                                                   0.037 0
                                                            0
                                                                0.008 0 0
           0
              0.008 0 0
                          0
                              0
                                 0 800.0
                                               0
                                                   0
                                                       0.008 0
       0
            0.008 0.008 0
                          0
                               0.008 0
                                        0
                                           0.008 0
                                                     0.008 0
                                                              0
   0.008 0
                                                                  0.037 0
0
              0
                  0
                      0.008 0
                               0 0 0 0 0
                                                0
                                                     0 0 0.008 0 0 0
   0
       0
           0
0
               0
                  0
                      0
                         0
                                        0
                                                           0.008 0.008 0.008
   0
       0
           0
                             0
                                 0
                                    0
                                            0
                                                0
                                                    0
                                                      0
0
   0
       0
 102 102:000030 102:000030
                             0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0
                                                                      0
                                                                         0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                      0
0
   0
                          0
                                 0
                                        0
                                                0
                                                       0
       0
           0
               0
                  0
                      0
                             0
                                     0
                                            0
                                                    0
                                                           0
                                                               0
                                                                   0
                                                                      0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
0.043 0
         0
            0
                0
                    0
                        0
                           0
                               0
                                   0
                                      0
                                         0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0.043 0
                                                                      0
                                                                          0
                                 *0.283 0
                                                      0
                                                          0
0
   0
           0
              0
                  0
                      0
                          0
                             0
                                           0
                                              0
                                                  0
                                                             0
0
                                                               0
                                                                      0
   0
       0
               0
                      0
                          0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                                  0
           0
                  0
                             0
                                 0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                  0
                                                                      0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                  0
                                                                      0
0
   0
       0
           0
              0
                      0
                         0
                             0
                                            0
                  0
                                 0
                                     0
                                        0
                                                0
                                                    0
                                                           0
                                                               0
                                                                  0
                                                                      0
0
   0
           0
              0
                  0
                         0
                             0
                                        0
                                            0
                                                0
                                                       0
                                                                      0
       0
                      0
                                 0
                                     0
                                                    0
                                                           0
                                                               0
                                                                   0
0
   0
       0
           0
               0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                                      0
                                                       0
                                                           0
                                                               0
0
   0
       0
           0
               0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0.043 0
                                                                0
                                                                    0
0.283 0
        0
            0.043 0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                  0
0.043 0 0
           0
                0
                  0 0
                          0
                               0
                                   0
                                      0
                                         0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                               0
                                                                    0
                                                                        0
       0
              0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
   0.043 0
           0 0 0.043 0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0.043 0
```

```
0 0 0 0
                          0 0 0 0 0 0 0 0 0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0
                   0
                      0
                         0
                               0
                                     0
                            0.043 0 0 0 0 0
      0
         0
            0
               0
                   0
                      0
                         0
                                               0 0
 103 103:000031 34:0000095
                       + 0
                            0
                               0
                                  0
                                     0
                                        0
                                           0.008 0.006 0.008 0
              0.008 0
                            0.007 0.006 0
                                       0
                                          0.004 0 0.006 0
0.006 0 0
         0
                     0
                        0
      0.007 0
                 0.008 *0.013 0 0 0 0
                                      0 0.006 0.006 0 0
              0
         0.006 0
                 0
                    0
                      0
                          0
                             0.004 0.006 0.008 0
                                              0.008 0.006 0
   0.006 0
           0
              0
                 0
                    0.008 0 0.006 0
                                   0
                                       0
                                          0 0.013 0 0 0
                                                           0.008
0.006 0 0
          0
              0
                 0
                    0
                      0
                          0
                             0
                                0
                                       0.008 0
                                               0.01 0.008 0
                                    0
   0 0
         0.008 0
                          0
                                0
                                   0.006 0 0
                                               0.006 0
                 0
                    0
                      0
                             0
      0.004 0 0.008 0.006 0.006 0
                                0
                                   0
                                      0.004 0.006 0 0 0.006 0
0.006 0 0
          0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
          0.004 0
                  0 0.007 0 0.008 0 0.01 0.007 0 0
      0.006 0.008 0
                  0.006 0.007 0.006 0 0 0 0.006 0 0.004 0 0.007 0
   0.004 0
              0.008 0 0.006 0 0.008 0 0 0.006 0 0
                                                   0.008 0.008
0.006 0 0
          0
              0 0.006 0 0 0 0 0.006 0 0.006 0 0
0.008 0.006 0.008 0
                0
                    0
                      0 0 0 0 0.006 0
                                           0
                                              0 0.008 0.006 0.008
                                           0.008 0 0
                                  0
   0.013 0
          0.008 0
                  0 0 0 0
                               0
                                     0
                                        0
                                                          0.006 0
   0.006 0
          0.006 0
                  0
                     0 0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                0.006 0 0.004 0
                                                 0
                                                   0
                                                       0.01 0
       0 0.008 0.006 0 0.006 0.006 0 0.006 0
                                          0
                                              0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                        0
                                          0
                                              0 0
                                                    0
                                                        0
                                                           0
0.008 0
          0 0.008 0.004 0 0
                            0 0.004 0
                                        0.800.0
       0
                                                0.008 0
                                                        0.008 0
0.006 0
      0.007 0.006 0.008 0 0 0
                               0.008 0 0 0.008 0
                                        0.008 0.004 0.006 0.006 0
          0.004 0 0.006 0.008 0
                               0
                                  0
                                    0
  0 0.006 0 0 0
                      0.006 0
                               0
                                  0.006 0
                                         0
                                             0
                                               0.008 0
0.004 0.006 0.004 0
                0.008 0
                               0.008 0
                                         0
                                             0
                                                0 0.006 0
                        0
                           0
                                      0
 104 104:000031 14:0000032
                      + 0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0 0
                                                     0
  *0.037 0
                                        0 0.008 0 0
           0
             0
                 0
                    0
                       0
                           0.037 0
                                  0
                                      0
                                                       0.008 0
   0.008 0
          0
              0
                 0.008 0
                        0
                            0
                               0
                                  0
                                     0.008 0
                                             0.008 0
                                                     0
   0.008 0
          0.008 0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0 0
                                                     0.008 0
                                        0.008 0 0.037 0.037 0.008 0
            0
               0
                         0
                            0
                               0
                                  0
                                     0
         0.008 0.008 0
                     0.008 0 0 0.008 0
                                        0 0.008 0.037 0 0 0.037
   0
      0
                                  0
                                     0.008 0
0.008 0
       0
          0
              0.008 0
                     0
                         0
                            0
                               0
                                             0
                                               0
                                                   0
   0.008 0
          0.008 0
                  0
                     0
                        0
                            0
                               0
                                  0
                                     0
                                        0 0 0 0 0 0.008 0
0
         0
            0
               0
                  0
                     0.008 0 0 0 0 0 0 0
                                               0 0
          0.008 0
                  0
                     0
                        0 0 0 0
                                     0 0.008 0.008 0
0
   0.037 0
         0.008 0 0.008 0.008 0 0
                                  0
                                       0 0 0.008 0 0
0
0
   0.008 0.008 0
               0
                  0
                     0 0.008 0 0
                                   0.008 0 0.008 0 0
                                                      0
                      0.008 0
0
                  0
                            0.008 0
                                     0
                                        0
                                           0
                                               0 0 0
0
      0.008 0 0 0.008 0 0.008 0 0
                                      0 0 0.008 0 0
                                                           0.008
               0.008 0
                      0 0
                            0.037 0 0.037 0
                                             0
                                               0
```

```
0 0
                    0 0
                           0
                               0 0 0 0
                                             0
                                                0.037 0 0
                                                                0.008
0.008 0
        0
            0
               0
                  0.008 0 0
                              0.008 0.037 0
                                            0
                                                0.037 0
                                                        0
                                                            0
                                                               0
                                                                   0
             0.008 0 0
                        0
                             0 0.008 0
                                            0
                                                0 800.0
                                                            0.008 0 0
            0.008 0.008 0
                             0.008 0 0 0.008 0 0.008 0 0
                                                             0.037 0
   0.008 0
                        0
                    0.008 0
                             0
                                0 0 0 0
                                             0 800.0 0 0
                 0
0
                    0 0 0 0 0 0 0 0 0 0 0 0.008 0.008
   0
       0
          0
             0
                 0
       0
 105 105:000031 215:000062
                        + 0
                               0
                                  0.006 0 0 0 0
                                                    0 0
                                                            0.007 0
                               0.008 0.01 0
                                            0 0.008 0
0.006 0.008 0 0 0
                    0 0 0
                                                           0.008 0.008
      0.008 0
              0 0.008 0
                               0
                                  0
                                     0
                                         0
                                            0.008 0
                                                     0.008 0
      0.008 0
               0.008 0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                            0.008 0
                                                               0.008
                                                     0 0
          0.007 0 0 0 0.007 0.007 0
                                       0
                                            0.007 0.008 0
                                                          0
                                                             0.008 0
0.008 0.008 0.008 0
                  0 0 0.01 0.008 0.008 0
                                            0.008 0
                                                    0
                                                       0.008 0
0.008 0.008 0
             0
                 0.008 0.008 0 0 0 0.008 0
                                             0 0
                                                     0
                                                            0.007 0.008
   0
      0
         0
             0
                 0
                    0
                        0 0.008 0 0.008 0 0 0 0.007 0
                                                            0.007 0
0.007 0.008 0
             0
                 0
                    0.008 0
                             0
                               0 0
                                      0
                                          0
                                             0 0
                                                     0.008 0
                           0 0.008 0 0.008 0 0 0.007 0 0
   0
      0
          0
             0
                 0
                    0
                        0
                                                               0.007 0
      0.008 0.008 0
                               0 0 0 0.008 0 0.008 0.008 0
                        0
                           0
      0.01 0.008 0
                    0.008 0.008 0
                                 0 0
                                        0.008 0.008 0.007 0.008 0
0.008 0 0
                    0.008 0 *0.011 0.008 0
            0.008 0
                                           0
                                             0
                                                  0
                                                     0 0 0.007 0
   0.008 0
            0.008 0.007 0
                        0 0 0
                                    0
                                              0.007 0 0.007 0
                                      0
                                           0
   0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                                      0.008 0
                                          0.008 0 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                          0 0 0
                                                     0.006 0.008 0 0
          0 0 0.008 0 0.006 0 0
                                                     0
                                      0
                                           0
                                              0
                                                  0
                                                        0
                                                            0.007 0
\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0.007 & 0 & 0 & 0.008 & 0 & 0 & 0 & 0.008 & 0 \\ \end{smallmatrix}
0.008 0.008 0.007 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                           0.008 0.007
   0 0
          0
             0
                0
                    0.008 0
                            0.008 0
                                     0 0 0.007 0
                                                     0.008 0
0.008 0 0.008 0
                        0.008 0 0.008 0.008 0 0
                                                 0.008 0 0.008 0.008 0
                0
                    0
0.008 0 0
          0.008 0
                    0
                        0 0
                              0 0 0
                                         0.008 0
                                                 0
                                                     0.006 0
                                                             0
                                                                 0
      0.008 0.007 0
                           0.007 0 0
                                           0
                                             0
                                                  0
                                                     0
                                                        0
                    0
                       0
                                      0
                                                           0
                                                               0 0
          0.008 0.008 0.008 0
   0
                             0
                                          0.047 0
 106 106:000032 106:000032
                           0
                              0.029 0
                                       0
                                                   0
                                                      0
                                                          0
                                                             0
                      0 0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
0
   0
                    0.029 0
                                    0
                                           0 0.029 0.029 0
       0
                 0
                             0
                                0
                                      0
                                                            0
                                                               0.029 0
                                             0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                                0
                                                    0
                                                       0
                                                          0
0.029 0
        0
            0
               0
                   0.032 0
                           0
                               0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                       0.029 0.029 0
                                                    *0.299 0.029 0
0
   0
      0
          0
             0
                 0
                    0
                        0.029 0
                                0
                                    0
                                      0
                                           0
                                             0
                                                  0
0
                                                    0
                                                       0.014 0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
0
   0
      0
          0
             0
                                                    0
                 0
                    0
                        0
                           0
                               0
                                      0
                                         0
                                             0
                                                0
                                                       0
                                                           0
                                                              0
                                                                  0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                                             0
                                                0
                                                    0
                               0
                                  0
                                      0
                                         0
                                                       0
                                                           0
                                                              0
                                                                  0
0
   0
          0
             0
                        0
      0
                 0
                    0
                           0
                               0
                                  0.047 0
                                           0
                                             0
                                                  0.032 0
                                                          0
                                                                     0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                      0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                  0
                                         0
0
   0
      0
          0
              0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.047 0
                                                         0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
```

```
0
                                       0
                                                0
                                                       0
                                                                0
                                                                       0
                                                                                0
                                                                                       0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
               0.029 0
                                                   0
                                                         0
                                                                   0
                                                                         0
                                                                                   0
                                                                                         0
                                                                                                   0
                                                                                                           0
                                                                                                                    0
0
       0
               0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
       0
                        0
                                0
                                        0
                                                        0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
       0
                                                                                                                        0
                                                                                                                                0
               0
                        0
                                0
                                        0
                                                0
                                                       0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
                                                                        0 0.029 0
                                                                                                                                0
                                                                                                                                                        0
                                0
                                        0
                                                0.029 0 0
                                                                                                        0
                                                                                                               0
                                                                                                                       0
                                                                                                                                       0
                                                                                                                                                0
                                                                                                                                                               0
0
        0
                0.029 0 0 0 0 0.024 0 0
                                                                                       0
                                                                                               0
                                                                                                        0
                                                                                                               0
                                                                                                                       0
                                                                                                                               0
                                                                                                                                       0
                                                                                                                                                0
                                                                                                                                                        0
0.032 0
   107 107:000032 2:0000003
                                                         + 0
                                                                      *0.207 0
                                                                                        0
                                                                                                   0
                                                                                                        0 0 0
                                                                                                                                   0
                                                                                                        0
                                                                                                                      0
                                                                                                                               0
                                                                                                                                       0
0
       0
               0
                        0
                                        0
                                                0
                                                        0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                                0
0
        0
                0
                                                0
                                                        0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0.207 0
                                                                                                                                   0
0
       0
               0
                       0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                       0
                                                                                                                                0
                                                                                                                                        0
0
       0
               0
                       0
                                0.029 0
                                                                                   0
                                                                                         0 0
                                                                                                         0
                                                                                                                   0
                                                   0
                                                         0
                                                                   0
                                                                         0
                                                                                                                                   0
0
       0
               0
                       0
                                0
                                        0.207 0
                                                           0
                                                                   0
                                                                           0
                                                                                   0
                                                                                         0
                                                                                                   0
                                                                                                         0.029 0.207 0
                                                                                                                                                           0
0
       0
               0
                       0
                                0
                                                0
                                                        0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0.029 0
0
       0
               0
                       0
                                0
                                        0
                                                0
                                                       0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                       0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
       0
               0
                       0
                                0
                                                                               0
                                                                                                                                                        0
                                       0
                                               0
                                                       0
                                                                0
                                                                        0
                                                                                       0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
                                                                                                                                0
                                                                                                                                        0
0
       0
               0
                       0
                                0
                                       0
                                                       0
                                                                       0
                                                                                                0.029 0
                                                                                                                   0
                                                                                                                                    0
                                                                                                                                                   0
                                               0
                                                               0
                                                                               0
                                                                                       0
                                                                                                                            0
                                                                                                                                           0
0
        0
                       0
                                0
                                               0
                                                       0
               0
                                       0
                                                               0
                                                                        0
                                                                               0
                                                                                       0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
       0
               0
                       0
                                0
                                       0
                                               0
                                                       0
                                                               0
                                                                       0
                                                                               0
                                                                                       0
                                                                                                                                0
                                                                                                                                                0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
                                                                                                                                        0
                                                                                                                                                        0
0
       0
                       0
                                0
                                       0
                                               0
                                                       0
                                                               0
                                                                                       0
                                                                                                                       0
                                                                                                                                                        0
               0
                                                                        0
                                                                               0
                                                                                                0
                                                                                                        0
                                                                                                               0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
0
       0
               0
                       0
                                0
                                       0
                                               0
                                                       0
                                                               0
                                                                       0
                                                                               0
                                                                                       0
                                                                                                0
                                                                                                        0
                                                                                                               0
                                                                                                                       0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
       0
               0
                       0
                                0
                                       0
                                               0
                                                       0
                                                               0
                                                                       0
                                                                               0
                                                                                       0
                                                                                                0
                                                                                                        0
                                                                                                               0
                                                                                                                       0
                                                                                                                                0
                                                                                                                                       0
                                                                                                                                                0
                                                                                                                                                        0
0
       0
               0
                       0
                                0
                                       0
                                               0
                                                       0
                                                               0
                                                                       0
                                                                               0
                                                                                       0
                                                                                                0
                                                                                                        0
                                                                                                               0
                                                                                                                       0
                                                                                                                               0
                                                                                                                                       0
                                                                                                                                              0
                                                                                                                                                        0
0
       0
               0
                       0
                                0
                                               0
                                                       0
                                                               0
                                                                               0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                               0
                                                                                                                       0
                                                                                                                                0
                                                                                                                                                0
                                                                                                                                                        0
                                       0
                                                                        0
                                                                                                                                        0
0
       0
               0
                       0
                                0
                                        0
                                               0
                                                       0
                                                                0
                                                                        0
                                                                               0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
        0
               0
                        0
                                0
                                        0
                                                0
                                                       0
                                                                0
                                                                        0
                                                                                0
                                                                                        0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                        0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
                                                                                                                                                        0
0
       0
               0
                        0
                                0
                                        0
                                                0
                                                       0
                                                               0
                                                                       0
                                                                               0
                                                                                       0
                                                                                               0
                                                                                                        0
                                                                                                                0
                                                                                                                       0
                                                                                                                                0
                                                                                                                                        0
                                                                                                                                                0
       0
                0
                        0
                                0
                                        0.029 0 0 0 0 0 0 0 0 0
                                                                                                                                         0.029 0
                                                         + 0.023 0 0.006 0
                                                                                                      0 0 0 0 0
   108 108:000032 65:0000165
0.022 0.006 0
                               0
                                       0
                                              0 0 0 0 0 0 0 0.013 0 0 0
                                                                                                                                         0
                                                                                                                                                   0
                                       0 0.012 0 0 0 0 0.023 0 0.013 0
      0
               0
                                0
       0
                               0.023 0 0 0 0.022 0 0 0 0
                                                                                                                       0 *0.035 0
                       0
0.023 0
                         0
                                                                   0
                  0
                                   0
                                         0
                                                   0
                                                         0
                                                                         0
                                                                                   0
                                                                                          0
                                                                                                  0
                                                                                                         0
                                                                                                                   0
                                                                                                                         0.021 0
                       0
                               0
                                       0 0
                                                     0
                                                               0
                                                                      0
                                                                               0
                                                                                       0
                                                                                               0
                                                                                                       0
                                                                                                               0
                                                                                                                      0
                                                                                                                                0
                                                                                                            0
0.023 0 0.012 0
                                       0.012 0.022 0
                                                                                                                       0.023 0
                                                                       0
                                                                              0
                                                                                       0
                                                                                               0
                                                                                                       0
                                                                                                                         0 0
                                                                       0
                                                                                       0
                                                                                               0.013 0 0
       0
               0
                       0
                                0
                                       0
                                                0
                                                       0
                                                                0
                                                                               0
                       0
                                0
                                        0
                                                0
                                                       0
                                                                0
                                                                       0
                                                                               0
                                                                                       0
                                                                                                0
                                                                                                       0.022 0
                                                                                                                         0 0.012 0
0.023 0 0
                         0
                                   0
                                         0
                                                  0
                                                          0
                                                                   0
                                                                         0 0 0 0 0
                                                                                                                         0 0
                                                                                                                                         0
                                                                                                                                                   0
                                      0.023 0
                                                           0.023 0
                                                                                               0 0 0
                                                                               0
                                                                                       0
                                                                                                                      0
0
        0
               0.023 0
                                 0
                                           0
                                                   0
                                                           0
                                                                   0
                                                                         0 0 0 0.023 0.032 0.023 0
                                                                                                                                                       0
                       0.023 0
                                           0
                                                   0
                                                           0.013 0 0 0 0 0 0
                                                                                                                      0
0.021 0 0
                         0
                                   0
                                           0
                                                   0
                                                            \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \ \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0
```

```
0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 0 0 0
0 0 0.006 0 0
               0 0.023 0 0.021 0 0
                                     0
                                        0
                                           0
                                              0.023 0
                                                         0
                                                            0
         0 0 0 0 0 0.023 0
                                0
                                    0
                                      0
                                          0
                                                0
                                                      0.006 0
  0.006 0.023 0 0 0 0 0 0
                                0
                                    0
                                       0
                                          0
                                             0
                                                0
                                                   0
                                                         0
                     0 0
                           0.023 0
                                      0
            0
               0 0
                                    0
                                             0
                                                   0
  0 0 0 0 0 0 0 0 0.013 0 0 0 0 0 0 0
0.006 0 0 0 0 0 0 0 0 0 0 0.023 0 0 0
  0.023 0
         0 0 0.021 0 0
                          0 0 0
                                   0
                                      0
                           0 0.006 0 0 0 0 0 0 0.007 0
 109 109:000032 215:000062
                     + 0
0.006 0.008 0 0 0 0 0 0
                          0.008 0.01 0
                                      0 0.008 0
                                                   0.008 0.008
     0.008 0 0 0.008 0
                                      0.008 0
                                              0.008 0
                          0
                              0
                                0
                                   0
     0.008 0 0.008 0 0
                           0
                              0
                                0
                                   0
                                       0.008 0
                                              0 0
                                                    0.008
0.008 0 0
         0.007 0 0 0 0.007 0.007 0 0
                                      0.007 0.008 0
                                                  0
                                                     0.008 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0 0.008 0
                                             0 800.0
0.008 0.008 0
           0
              0.008 0.008 0 0 0 0.008 0 0
                                             0
                                                 0
                                                    0.007 0.008
                        0.008 0 0.008 0 0
            0
               0
                  0
                    0
                                            0.007 0
                                                    0.007 0
0.007 0.008 0
                 0.800.0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.008.0
           0
              0
                                                     0 0
                        0 0.008 0 0.008 0 0 0.007 0
      0
        0
            0
              0
                     0
     0.008 0.008 0
                    0 0 0 0 0 0 0.008 0 0.008 0
                 0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
         0.008 0 0.008 0 *0.011 0.008 0
                                     0
                                       0 0 0 0
                                                   0.007 0
          0.008 0.007 0 0 0 0 0
                                     0
                                        0.007 0 0.007 0 0.008 0
  0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                              0.008 0
                                                       0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                             0.006 0.008 0 0
                                     0
                                        0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                           0
                                              0
                                                    0.007 0 0
                                     0 0
                                                0
        0 0 0.007 0 0 0 0.008 0 0 0
                                            0.008 0
0.008 0.008 0.007 0
               0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                0
                                                   0.008 0.007
                 0.008 0 0.008 0 0 0 0.007 0
                                              0.008 0
           0
              0
0.008 0 0.008 0 0
                 0
                    0.008 0 0.008 0.008 0 0
                                          0.008 0 0.008 0.008 0
0.008 0 0
         0.008 0
                    0 0 0 0 0 0.008 0
                                              0.006 0
                 0
                                           0
                    0 0.007 0 0 0 0 0
     0.008 0.007 0
                 0
                                           0
                                              0 0 0 0 0
        0.008 0.008 0.008 0
                         0
                     + 0.012 0 0 0 0 0
 110 110:000033 37:0000101
                                             0 0
                        0 0 0 0
                                    0 0
                                          0 0
                                                0 0
                  0
                    0
                                                      0 0
0
            0 0
                               0.012 0
0
           *0.361 0
                   0
                      0
                         0
                           0
                                      0 0
                                            0 0.012 0
0
     0.012 0
             0
                0
                   0
                     0
                         0 0
                               0 0 0 0 0 0 0.012 0 0 0
0
         0
            0
               0
                 0
                     0
                        0
                           0
                             0
                                0
                                    0
                                       0
                                          0
                                            0
                                                0
                                                   0
0
                     0
                                             0
                                                0.012 0 0.361 0
  0
     0
         0
            0
               0
                  0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
0
  0
            0
                  0
                     0
                           0.012 0 0 0 0 0 0 0
     0
         0
               0
                        0
0
  0
     0
        0
            0
              0
                  0
                    0
                        0
                                             0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                                0
                                                  0
0
  0
     0
        0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0.012 0
0
   0
     0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0 0
                                                0 0
                                                      0.012 0
0.012 0
       0
         0
             0
               0
                  0
                     0
                         0
                           0 0 0 0
                                       0 0 0.012 0 0
        0 0 0.012 0 0.012 0 0 0 0 0 0 0.012 0 0 0
```

```
0
          0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                  0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                             0.012 0
                                                     0 0.012 0
0
   0
      0
          0
             0
                    0
                           0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0.012 0
0
                 0.012 0
                                    0
                                                  0
                                                    0
                                                       0
                                                           0
   0
      0
          0
             0
                         0
                             0
                               0
                                      0 0
                                             0
                                                               0.012 0
0
   0
      0
          0
                                     0.012 0
                                                  0
                                                     0
                                                         0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                              0
0
   0
      0
          0
             0
                                                          0.012 0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
0
   0
      0
          0
             0
                    0
                                                       0
                                                           0
                 0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                                 0
0
   0
       0
          0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0.012 0
             0
   0
          0
                 0
                    0
                        0
                           0.012 0
                                    0
                                      0 0
                                             0 0 0
                                                        0 0
              0
 111 111:000033 25:0000068
                         + 0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0.006 0
                                                        0.006 0
       0.006 0
                            0 0 0.006 0 *0.037 0
               0
                      0
                                                     0.006 0
0
                  0
                        0
       0.006 0
0
   0
               0
                  0
                      0
                         0
                             0
                                0
                                    0
                                      0 0
                                             0 0 0 0 0
          0 0.006 0
0
   0
                      0.006 0
                              0.006 0
                                      0
                                          0.006 0
                                                   0
                                                      0
                                                          0
                                                            0
0.006 0
      0
               0
                      0
                         0
                             0
                                0 0.006 0
                                                0
                                                   0
                                                       0
0
   0
      0
          0
             0.006 0
                      0
                         0.006 0 0 0 0 0 0
                                                   0.006 0
                                                           0
          0.037 0
                      0
                         0
                             0
                               0 0.037 0
                                            0.006 0
                                                     0.006 0.037 0
                               0 0 0 0 0.006 0.006 0
   0
       0.006 0 0 0
                      0
                         0
                             0
                                                            0.037 0
0.006 0.006 0 0.037 0
                              0.006 0 0.006 0
                      0.006 0
                                              0
                                                   0
                                                      0
                                                          0.006 0
             0 0 0
                                  0.006 0
                                          0.037 0
                                                                 0
                       0
                           0
                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                    0
0.006 0 0 0 0.006 0
                           0
                               0.006 0
                                      0
                                          0
                                              0.006 0
                                                       0
                                                          0
0.006 0.006 0 0
                 0
                    0
                       0
                           0.037 0
                                      0
                                          0
                                              0 0.037 0
                                                          0
                                                                 0
                                                                    0
                                   0
                                                             0
0 0 0.006 0 0.006 0
                                                            0.006 0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0.037 0
                                                    0 0
0.006 0 0 0
               0.006 0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0.006 0
                                                            0
          0
             0
                 0
                        0
                           0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0.006 0
                    0
                               0
0.006 0.006 0 0
                0
                    0
                        0
                           0
                              0.037 0 0.006 0 0
                                                   0 0 0
                                                                 0 0
                                                            0
           0.037 0.037 0 0.037 0 0 0.006 0 0 0
                                                    0
                                                        0
               0 0 0 0 0 0 0 0 0 0 0.006 0 0
0.037 0
           0
                               0.006 0 0.006 0 0
0.006 0
               0.006 0 0.006 0
                                                    0 0 0.037 0.006
  0
          0.006 0 0 0.006 0 0 0 0 0
                                                   0
                                                       0
                                                          0.006 0
      0
           0
               0 0.006 0.006 0 0 0 0 0 0
                                                    0
                                                                   0
         0 0 0 0.006 0 0.006 0 0.006 0 0.006 0
      0
                 0 0
        0
           0
               0
                             0.006
                        0
                           0.012 0
                                                     0
 112 112:000033 112:000033
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                                  0
                        0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
0
       0
          0
                 0
                    0
                           0
                               0
                                                              0
                                                                 0
             0
                                  0.012 0
                 0
                    0
                        0
                           0
                               0
                                           0
                                              0
                                                  0
                                                    0.012 0
                                                                     0
0
   0.012 0
           0
               0
                  0
                      0
                        0
                             0
                                0
                                    0
                                      0
                                           0
                                              0
                                                  0
                                                     0.012 0
                                                                 0
                                                                     0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                                  0
                 0
   0
                        0
                               0
                                      0
                                         0
                                             0
                                                    0.012 0
0
       0
          0
              0
                    0
                           0
                                  0
                                                0
                                                            0
                                                               0
*0.361 0
                       0
                                 0.012 0
                                                 0
                                                    0
                                                               0
         0
             0
                0
                    0
                          0
                              0
                                          0
                                             0
                                                                  0
   0
                        0
                                  0
                                         0
                                                0
                                                    0
                                                       0
0
      0
          0
             0
                 0
                    0
                           0
                               0
                                      0
                                             0
                                                           0
                                                              0
                                                                 0
                                                  0.012 0
                                                                 0
0
   0
       0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0.361 0
                                              0
                                                              0
                                                                     0
0
   0
       0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                              0
0.012 0
        0.012 0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0.012 0
   0
      0
          0
             0
                 0
                    0
                        0
                           0.012 0 0.012 0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0.012
```

```
0
                   0
                      0
                         0 0
                               0
                                 0
                                      0
                                         0
                                            0
                                              0
               0
                   0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0.012 0
0.012 0 0
              0
                    0
                       0
                          0
                             0 0 0 0 0
                                             0 0
   0.012 0
                      0 0 0.012 0 0 0 0
              0
                 0
                    0
                                              0
                                                  0 0
                          0
                                             0
      0.012 0
                    0
                       0
                              0
                                 0
                                   0
                                      0
                                          0
                                                0.012 0
         0 0 0 0 0 0 0 0 0 0
0
                                            0
                                              0
                                                  0
         0 0 0 0
                      0 0
                             0 0
                                   0 0
                                         0
                                             0
                                                0
                                                    0
            0 0 0
                     0 0 0 0 0
                                     0
                                        0
                                            0
                                               0
                                                      0
                                                  0
      0.012 0 0 0 0 0 0 0 0 0.012 0
                                               0
                                                     0
                                                  0
0
   0
 113 113:000033 58:0000147 + 0.022 0 0 0 0 0 0 0 0 0 0 0
                                               0
            0
               0
                   0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                                  0
0
                   0
                      0
                         0
                               0.022 0
                                       0
                                          0
                                             0
                                                0.022 0
                                                        0
      0
            0
               0
                            0
0
   0.022 0
              0 *0.165 0
                         0
                                0
                                                   0.022 0
          0
                            0
                                   0
                                      0
                                         0
                                            0
                                               0
0
      0
         0
               0
                   0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
            0
                   0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0.022 0
                                         0
0
   0.165 0
          0
              0
                0 0 0 0 0.022 0
                                     0
                                            0
                                               0
                                                  0
                                                     0
                                                            0
                               0
0
               0
                  0
                      0
                         0
                            0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                            0
                      0.165 0
                                 0 0 0
                                         0.022 0
                                                            0
0
   0
      0
            0
               0
                   0
                             0
                                                  0
                                                     0
                                                         0
                                                               0
                                         0
                   0
                      0
                         0
                           0
                               0
                                  0
                                     0
                                            0
                                                  0
                                                         0.022 0
0.022 0
       0
              0
                    0
                       0
                          0
                             0
                                 0
                                   0
                                       0
                                         0
                                             0 0.022 0
                                                            0
          0
                0
   0
      0
         0
            0
               0.022 0
                       0.022 0
                               0
                                  0
                                     0
                                         0
                                            0
                                              0
                                                  0.022 0
0
   0
      0
         0
            0
                   0
                      0
                         0
                               0
                                  0
                                      0
                                         0
                                            0
                                              0
                                                  0
                                                     0
                                                         0
               0
                            0
0
   0
      0
         0
                                  0
                                         0.022 0
                                                    0.022 0
            0
                   0
                      0
                         0
                            0
                               0
                                      0
                                                0
0
   0
      0
         0
            0
                                  0
                                      0
                                         0
                                            0
                                              0 0 0.022 0 0
               0
                   0
                      0
                         0
                            0
                               0
0
   0
      0
         0
            0
               0.022 0
                      0
                          0
                             0 0
                                   0
                                      0
                                         0 0
                                                0 0
                                                          0.022 0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0.022 0
                                         0
                                             0
                                                0
                                                    0
                                                      0
                                                          0
0
   0
      0
         0
            0
                   0
                                                     0.022 0
               0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                  0
0
   0
      0
         0
               0
                   0
                      0
                            0
                                            0
                                               0
                                                  0
                                                      0
                                                         0.022 0
            0
                         0
                               0
                                  0
                                      0
                                         0
                         0.022 0 0 0 0
                                         0 0 0 0
   0
      0
         0
            0
               0
                   0
                      0
                                                      0 0
 114 114:000033 40:0000107
                      + 0
                            0
                              0
                                  0
                                     0
                                        0
                                           0.006 0 0.006 0
      0.006 0
                      0 0 0 0.006 0
              0
                    0
                                        0
                                            0
                                               0.006 0
   0.006 0 0
              0
                    0
                      0 *0.045 0 0 0
                                            0
                                                   0
                0
                                        0
                                               0
                                                     0
                                                         0
                                                           0
         0
            0.006 0
                    0.006 0 0.006 0
                                   0
                                       0.006 0
                                               0
                                                  0
                                                     0
0.006 0 0
         0
              0 0
                    0
                       0 0 0 0 0.006 0
                                            0
                                               0
                                                  0
                                                     0
            0.006 0
                      0.006 0 0 0 0
                                         0
                                            0
                    0
                                               0.006 0
                                               0.006 0
            0
               0 0.045 0 0 0 0 0 0.006 0
               0 0 0 0 0 0 0 0 0.006 0.006 0 0 0.006
   0.006 0.045 0
0.006 0 0 0.045 0.006 0
                      0.006 0
                              0.006 0 0
                                          0
                                             0
                                                0.006 0
                         0.006 0
                  0
                     0
                                 0
                                   0 0
                                         0
                                             0
      0
         0.006 0 0 0.006 0
                            0
                               0
                                  0.006 0
                                          0
                                             0.045 0 0
                                                        0.006
0.006 0.045 0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
0.006 0 0.006 0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0.006 0
                                                       0.006 0
```

```
0
              0
                 0
                    0
                       0
                         0 0
                                0
                                   0.006 0 0 0 0.006 0.006
  0.045 0
         0 0 0 0 0 0.006 0
                                0
                                   0
                                      0 0 0 0
0.045 0 0 0 0 0 0 0.006 0
                                0
                                   0
                                      0.045 0
                                            0
                                                0
                                                  0
                                                      0 0
        0 0 0 0
                    0
                       0
                          0
                                0.006 0
                                       0
                                          0
                                             0.006 0.006 0
  0.006 0 0.006 0 0.006 0 0.006 0
                                0.045 0 0 0 0.006 0
                                                   0 0
0.006 0 0
         0
             0.006 0
                    0
                       0
                          0
                                0
                                   0 0.006 0
                                                0
                                                  0.006 0 0
  0 0.006 0.006 0
                       0
                          0
                             0
                                0
                                   0
                                      0 0
                                           0 0.045 0
                 0
                    0
                    0.006 0.006 0
                                0.006 0 0.006 0
                                             0 0
                                                   0.006 0
0.045 0 0 0 0.006 0
  0 0
        0
           0
              0
                 0.006
 115 115:000033 70:0000179
                     + 0
                          0
                             0
                                0
                                   0
                                      0
                                         0 0
                                               0
                                                 0
                                                     0
       0 0
              0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0.007 0 0 0.007 0
                 0
0.007 0 0
         0 0.007 0
                    0
                       0
                          0
                             0
                                0.007 0
                                      0.007 0 0
                                                  0
0.007 0 0.007 0
              0
                    0
                          0
                             0
                                0
                                      0
                                         0 0
                                               0.007 0
                0
                       0
                                   0
*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0
                                                0
                                                       0.007
        0 0.007 0.007 0
                       0.007 0
                              0
                                 0.007 0
                                        0
                                           0.007 0
                                0.038 0.007 0
0.007 0 0 0 0.007 0 0
                       0 0 0
                                            0 0 0
                                                       0 0
  0.007 0
         0.007 0 0
                    0
                       0.038 0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                0
                    0.007 0
0
           0 0 0
                           0
                               0
                                 0
                                    0
                                       0
                                          0
                                             0 0
                                                      0
0
        0.007 0
               0 0
                     0 0
                            0
                               0
                                 0
                                    0
                                       0.007 0.007 0
0
        0.007 0 0.007 0.007 0
                           0
                              0
                                 0
                                    0
                                       0
                                          0.007 0
     0
                                                 0
                                                       0
  0.007 0.007 0.038 0
                  0
                     0 0.007 0 0 0.007 0
                                          0.007 0
        0
           0.038 0 0 0.007 0 0.007 0.038 0 0 0
                                                  0
      0.038 0
              0.007 0
                     0
                           0.007 0 0.007 0 0
0.038 0
                        0
                                             0
                                                0
                                                   0
  0.007 0
         0.038 0
                    0 0.007 0 0 0.038 0 0 0 0 0
                 0
        0
           0
              0
                 0
                    0
                       0.007 0 0 0 0 0 0 0
   0
     0
        0
           0
              0
                 0
                    0
                       0
                         0 0 0 0
                                     0 0 0
                                               0
                                                 0
                    0.007 0
                          0 0.007 0
                                      0 0 0 0.038 0
0.007 0.007 0
           0
              0
                 0
              0.007 0
                     0 0
                           0.038 0 0.007 0 0
                                            0
                                                0.007 0 0.007
0
  0
     0
           0
               0.007 0.007 0
                           0 0.007 0 0 0.007 0
0
        0.007 0
                                                0.007 0
     0
        0
           0
              0
                 0
                    0.007 0 0 0 0 0 0 0 0 0 0.007 0 0
  0
     0
        0
              0
                    0 0
                         0 0 0 0 0 0 0
                                                 0.007 0.007
           0
                 0
0.007 0 0
 116 116:000034 215:000062 + 0
                             0.006 0 0 0 0 0
                                                  0.007 0 0
                          0
0.006 0.008 0 0
             0 0
                   0
                       0
                          0.008 0.01 0
                                     0
                                        0 800.0
                                                  0.008 0.008
     0.008 0 0 0.008 0
                          0
                             0
                                0
                                   0
                                      0.008 0
                                             0.008 0 0 0
     0.800.0
                                      0.008 0
             0.008 0 0 0
                          0
                             0
                                0
                                   0
                                             0
                                                0
                                                  0.008
                                                    0.008 0
0.008 0 0
         0.007 0 0 0 0.007 0.007 0
                                      0.007 0.008 0
                                  0
                                                 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0
                                     0.008 0 0 0.008 0
0.008 0.008 0
              0.008 0.008 0 0 0.008 0
                                      0 0
                                             0
                                                0
           0
                                                   0.007 0.008
     0
           0
              0
                 0
                    0
                       0.008 0 0.008 0 0
                                            0.007 0
                                                   0.007 0
0.007 0.008 0
           0
              0
                 0.008 0 0 0
                              0 0
                                    0 0 0 0.008 0 0 0
        0
           0
              0
                 0
                    0
                       0
                          0.008 0 0.008 0 0 0.007 0
                                                     0.007 0
     0.008 0.008 0
                 0 0
                       0 0 0 0 0.008 0 0.008 0.008 0 0
```

```
0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
      0.01 0.008 0
                                                           0.007 0
0.008 0
        0
           0.008 0 0.008 0 *0.011 0.008 0
                                          0
                                             0 0
                                                    0
                                                        0
           0.008 0.007 0 0 0 0 0
                                          0
                                             0.007 0 0.007 0
   0.008 0.008 0.008 0 0 0 0.008 0
                                          0.008 0 0
                                                      0.008 0
                                                              0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                          0
                                             0
                                                0
                                                    0.006 0.008 0
0.008 0 0 0 0.008 0 0.006 0 0
                                          0 0
                                                 0
                                                    0
                                                       0
                                                           0.007 0 0
             0 0.007 0 0 0 0.008 0 0 0
         0
                                                   0.008 0
0.008 0.008 0.007 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                          0.008 0.007
                                                      0
                    0.008 0 0.008 0
                                    0 0 0.007 0
             0
                0
                                                    0.008 0
0.008 0
       0.008 0
                0
                    0
                       0.008 0 0.008 0.008 0 0
                                                0.008 0 0.008 0.008 0
0.008 0
      0
          0.008 0
                    0
                       0 0 0 0 0 0.008 0
                                                 0
                                                    0.006 0
      0.008 0.007 0
                    0
                       0 0.007 0 0 0 0 0
                                                 0
                                                    0 0 0 0 0
          0.008 0.008 0.008 0
                            0
 117 117:000034 35:0000097
                        + 0
                              0
                                  0 0 0 0
                                               0
                                                   0
                                                      0
0
             0 0
                    0 0
                           0
                             0 0.012 0 0
                                             0
                                                 0
                                                    0
                                                        0
0
      *0.105 0
               0
                   0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0
0
      0.012 0
               0
                 0
                      0
                        0
                            0
                                0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                         0
                                                      0
0
   0
                 0
                       0
                           0
                              0
                                  0
                                     0
                                            0
                                               0
                                                   0
                                                             0
   0
      0
             0.105 0
                      0
                        0
                            0
                                0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0.012 0
                                                                 0
                                                                    0
   0
      0
          0
             0
                 0
                                     0
                                                   0
                                                      0
0
                    0
                       0
                           0
                              0
                                  0
                                         0
                                            0
                                               0
                                                          0
                                                             0
                                                                 0
0.012 0
        0
           0
               0.105 0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                               0
                                                   0
                                                      0
                                                          0
0
   0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0.012 0
                                                   0
                                                        0
                                                          0
                                                               0
      0
                       0
                           0
                              0
0
   0
      0
          0
             0
                 0
                    0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0.105 0
0
   0
      0
          0
             0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                 0
                    0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
0
      0
             0
                    0
                       0
                           0
                                  0
                                         0
   0
          0
                 0
                              0
                                     0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                                  0
                                     0
                              0
                                         0.012 0.105 0.105 0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                                                 0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
          0
                       0
                              0
                                     0
0
   0
      0
             0
                 0
                    0
                           0
                                  0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0.012 0
   0.105 0.012 0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0.012 0
                                             0
                                                 0
                                                    0
                                                        0
0.012 0 0 0 0 0 0
                        0
                            0
                               0 0
                                      0 0
                                             0
                                                 0
                                                        0
                                                    0
   0.012 0.012 0
                0.012 0
                            0
                                0
                                   0
                                      0
                                          0 0.105 0
                                                     0 0
                         0
 118 118:000035 25:0000068
                         + 0
                              0
                                  0
                                     0 0
                                           0
                                               0.006 0
                                                       0.006 0
      0.006 0
               0
                  0
                      0
                         0
                            0
                                0
                                   0.006 0 *0.037 0 0.006 0
0
   0
      0.006 0
               0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                              0
                                                 0
                                                    0
                                                        0
             0.006 0
                      0.006 0
                              0.006 0
                                      0
                                          0.006 0
          0
                                                  0
                                                      0
                                                         0
0.006 0 0
          0
               0
                                   0
                                      0.006 0 0
                                                   0
                      0
                         0
                            0
                                0
                                                      0
0
   0
          0
             0.006 0
                         0.006 0 0
                                     0 0
                                           0 0
                                                   0.006 0
      0
                      0
                                                           0
                                0 0.037 0 0.006 0
          0.037 0
                      0
                         0
                            0
                                                    0.006 0.037 0
      0.006 0
               0
                      0
                         0
                            0
                                0 0 0 0 0.006 0.006 0
                                                           0.037 0
                 0
0.006 0.006 0
             0.037 0
                      0.006 0
                              0.006 0
                                      0.006 0
                                              0
                                                  0
                                                         0.006 0
      0
             0 0 0
                      0 0 0 0.006 0 0.037 0 0 0
                                                         0 0 0 0
```

```
0.006 0 0 0 0.006 0
                            0
                               0.006 0
                                       0
                                           0
                                               0.006 0 0
0.006 0.006 0 0
                 0
                    0
                        0
                            0.037 0
                                    0
                                        0
                                           0
                                              0
                                                  0.037 0
                                                           0
                                                               0
                                                                      0
0 0.006 0
               0.006 0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0.037 0
                                                     0 0
                                                             0.006 0
0.006 0 0 0
               0.006 0
                                                    0.006 0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                             0
                                                                0
          0
                        0
                                      0
                                          0
      0
              0
                 0
                            0
                               0
                                   0
                                             0
                                                 0
                                                     0.006 0
0.006 0.006 0 0
                 0
                     0
                        0
                           0
                               0.037 0 0.006 0 0
                                                    0 0 0 0
                                                                  0 0
           0.037 0.037 0
                        0.037 0 0 0.006 0 0 0
                                                     0
                                                         0
                                                             0
0.037 0
               0
                  0 0
                         0 0
                                0 0 0 0 0 0.006 0 0
            0
               0.006 0 0.006 0
                                0.006 0 0.006 0 0
                                                     0 0 0.037 0.006
0.006 0
  0
      0
          0.006 0
                  0 0 0.006 0 0 0 0 0
                                                    0 0
                                                           0.006 0
               0
                   0.006 0.006 0 0 0 0 0
                                                  0
                                                     0
                                                         0
              0 0 0.006 0 0.006 0.006 0 0.006 0 0.006 0
       0
          0
            0
               0
                  0
                      0
                             0.006
0.006 0
        0
                         0
 119 119:000035 119:000035
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
                                                                      0
0
   0
       0
          0
              0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
                 0
                     0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
0
       0
              0
                     0
                            0
                                   0
                                          0
                                                 0
   0
          0
                 0
                        0
                               0
                                      0
                                              0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
0
   0
                        0
                                      0
                                             0
                                                     0
                                                            0
       0
          0
              0
                 0
                     0
                            0
                               0
                                   0
                                          0
                                                 0
                                                        0
                                                               0
                                                                   0
0
   0
       0
          0
              0
                 *0.31 0
                         0
                             0
                                 0
                                     0
                                       0
                                            0
                                               0
                                                   0
                                                      0
                                                          0.31
                                                              0
                                                                  0
                                                                     0
0
   0
       0
              0
                                      0
                                                     0
                                                        0
                                                            0
                                                                   0
          0
                 0
                     0
                        0
                            0
                               0
                                   0
                                          0
                                             0
                                                 0
                                                               0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
0
   0
       0
                     0
                                                                   0
          0
              0
                 0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                     0
                                                        0
                                                            0
                                                                   0
                                                 0
                                                               0
0
   0
       0
              0
                     0
                            0
                                   0
                                          0
                                                        0
                                                               0
                                                                   0
          0
                 0
                        0
                               0
                                      0
                                             0
                                                 0
                                                     0
                                                            0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                                      0
                                          0
                                             0
                                                     0
                                                        0
                                                                   0
                               0
                                   0
                                                 0
                                                            0
                                                               0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
                               0
0
   0
          0
                        0
                               0
                                      0
                                             0
                                                                   0
       0
              0
                 0
                     0
                            0
                                   0
                                          0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                               0.071 0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                                   0
                                      0
                                          0
                                             0
                               0
                                                 0
                                                     0.31 0
                                                             0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
                                                                   0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
 120 120:000035 120:000035
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.004 0.006 0.004 0
0.006 0 0 0 0.004 0 0
                           0
                               0 0.006 0 0 0.004 0 0.006 0
                                                                0.004 0
         0 0.004 0 0 0 0 0 0 0.006 0.006 0
      0
                                                         0
   0.006 0
               0 0 0
                         0.004 0.006 0.004 0 0.004 0.006 0
                                                           0.004 0
           0
               0 0.004 0 0.006 0 0 0
                                              0
                                                             0.004 0.006
                                                  0
                                                      0 0
             0 0
                     0 0
                            0
                              0 0 0.004 0 0
                                                   0.004 0 0
                                                               0
   0 0
                                0.006 0 0 0.006 0
               0 0 0 0
                                                      0 0
                                                             0.006 0
*0.164 0
         0.004 0.006 0.006 0 0 0 0.004 0.006 0 0
                                                     0.006 0
                                                                 0.006
                                                              0
          0.004 0.004 0
                        0.006 0.006 0.004 0.004 0
                                               0.006 0.006 0.004 0
0.004 0 0.004 0 0 0
                        0 0.004 0 0 0 0 0
                                                  0
                                                      0
                                                         0
```

```
0.006 0.004 0 0.006 0
                     0.006 0 0 0 0.006 0 0.164 0 0 0
      0.004 0
              0.006 0
                       0.004 0
                              0 0.006 0 0 0.004 0.004 0.006 0
                                                                0
      0.006 0
              0
                  0
                     0
                        0
                            0.006 0
                                    0.006 0
                                            0
                                                0
                                                  0 0
0.004 0
                            0.006 0
                                    0 0 0.004 0.006 0.004 0
        0
           0
              0
                  0
                     0
                        0
0.004 0
              0
                  0
                     0
                        0
                            0
                               0 0.004 0
                                           0
                                              0
                                                  0.006 0
                                                             0.006 0
0.006 0
                     0
        0
           0
              0
                  0
                        0
                            0
                               0
                                   0 0.004 0
                                              0
                                                  0
                                                     0
                                                        0.004 0.004 0
0.006 0
           0.006 0
                   0.006 0
                            0.004 0
                                    0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
0.006 0
       0.006 0.006 0
                     0.006 0
                            0 0.004 0.006 0
                                              0.006 0.006 0.006 0
                             0
0.006 0.006 0
             0
                0
                   0
                       0 0
                                 0
                                    0 0
                                          0
                                              0
                                                  0.004 0
                                            0.004 0
0.004 0.004 0
             0
                0
                   0.004 0
                            0.004 0
                                    0.004 0
                                                    0.006 0
0.006 0.004 0
             0
                0
                   0.004 0
                            0
                              0 0.004 0
                                          0
                                              0
                                                0
0.004 0
        0.006 0.004 0 0 0
                            0 0.004 0.004 0.006 0.006 0 0
0.006 0
                0.006 0 0
                             0.006 0
                                            0.004 0
              0
                                     0
                                         0
                                                     0.004 0.004 0.006
0.004 0
        0.004 0
               0
                   0 0.004 0
                              0
                                  0 0
                                         0
                                            0.006 0
                                                     0.004
 121 121:000035 65:0000165 + 0.023 0 0.006 0
                                          0
                                              0 0
                                                     0
                                                        0 0
0.022 0.006 0
             0
                0
                   0
                      0 0 0 0
                                    0
                                      0
                                           0.013 0
                                                  0
                                                      0
             0
               0 0.012 0 0 0 0 0 0.023 0
                                                 0.013 0 0
             0.023 0 0
                       0
                            0.022 0
                                    0
                                       0
                                           0
                                             0
                                                  0
                                                    *0.035 0
0.023 0 0
          0
              0 0
                     0
                        0
                            0
                               0 0
                                     0 0
                                           0 0
                                                  0.021 0
         0
             0
                0 0
                      0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
       0.012 0
                0.012 0.022 0
                             0
                                0
                                           0
                                                 0.023 0
0.023 0
                                    0
                                       0
                                             0
                                                          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0.013 0 0
                                                   0
                                                      0
   0
         0
             0
                0
                    0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0.022 0
                                                   0 0.012 0
      0
                     0
                            0
                                  0
                                         0
       0
           0
              0
                 0
                        0
                              0
                                     0
                                            0
                                                0
               0.023 0
                        0.023 0 0
                                    0 0 0 0
   0
          0
             0
                                                 0
                                                     0 0
      0.023 0
              0
                  0
                     0
                        0
                            0
                               0
                                  0
                                     0 0.023 0.032 0.023 0
      0
         0.023 0
                  0
                     0
                        0.013 0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                  0
0.021 0 0
          0
              0
                  0
                     0
                        0
                            0
                               0
                                     0 0
                                            0 0
                                                  0
                                                       0
0.021 0.023 0 0
               0.023 0
                        0
                               0
                                  0
                                     0.006 0
                                                 0
                                                               0
                            0
                                              0
                                                     0
                                                        0
                                                           0
                    0.023 0 0.021 0
   0 0.006 0
              0
                 0
                                     0
                                         0
                                                   0.023 0
   0.021 0
          0 0 0 0 0 0.023 0 0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                            0.006 0
   0.006 0.023 0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
              0 0 0 0 0 0.023 0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                  0
                          0 0.013 0
             0 0
                   0
                      0
                                    0 0
                                           0 0
                                                  0 0
0.006 0
       0
          0
              0
                  0
                    0
                        0 0 0 0
                                     0.023 0
                                              0 0 0
                                                        0
                                                           0
  0.023 0
           0 0
                  0.021 0 0 0 0
                                    0
                                       0
 122 122:000035 34:0000095
                       + 0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0.008 0.006 0.008 0
              0.008 0
                             0.007 0.006 0
                                           0
                                              0.004 0 0.006 0
0.006 0 0
          0
                      0 0
                                                              0.008
                  0.008 *0.013 0 0
                                             0.006 0.006 0 0 0
      0.007 0
                                  0
                                      0
                                         0
      0
         0.006 0
                            0
                               0.004 0.006 0.008 0
                                                 0.008 0.006 0
                  0
                     0
                       0
                                                              0.008
   0.006 0
              0
                  0
                     0.008 0
                             0.006 0
                                      0
                                         0
                                            0
                                                0.013 0 0
0.006 0 0
          0
              0
                  0
                     0
                       0
                            0
                               0
                                  0
                                      0
                                         0.008 0
                                                 0.01 0.008 0
                                                              0 0
         0.008 0
                  0
                     0
                        0
                            0
                               0
                                   0
                                      0.006 0
                                             0
                                                  0.006 0
0.006 0 0.004 0 0.008 0.006 0.006 0
                                  0
                                     0
                                         0.004 0.006 0 0 0.006 0
```

```
0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.004 0
                    0
                       0.007 0
                               0.008 0 0.01 0.007 0
                                                    0
                                                        0
                                                            0
      0.006 0.008 0
                    0.006 0.007 0.006 0 0
                                          0 0.006 0
                                                      0.004 0
   0.004 0
               0.008 0
                       0.006 0 0.008 0 0 0.006 0 0
                                                       0.008 0.008
0.006 0
                 0.006 0
                           0
                             0
                                 0
                                     0 0.006 0
                                                 0.006 0
                                                         0
                            0 0 0 0.006 0
0.008 0.006 0.008 0
                 0 0 0
                                               0
                                                  0 0.008 0.006 0.008
   0.013 0
           0.008 0
                    0 0
                          0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0.008 0
                                                       0
   0.006 0
           0.006 0
                    0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0.008 0
                       0
                           0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                            0.004 0
                                                     0
                                                            0.01 0
       0
          0.008 0.006 0 0.006 0.006 0 0.006 0
                                              0
                                                 0.008 0.006 0
                                                                0.006
0.006 0.006 0 0
               0.006 0.006 0 0 0 0
                                           0
                                                  0
                                                         0
                                                            0.008 0
0.008 0
           0 0.008 0.004 0 0 0 0.004 0
                                           0.008 0
                                                    0.008 0
        0
        0.007 0.006 0.008 0
                                 0.800.0
0.006 0
                         0 0
                                         0
                                             0
                                                 0.008 0
                                     0 0
0.006 0 0
           0.004 0
                    0.006 0.008 0
                                 0
                                           0.008 0.004 0.006 0.006 0
   0 0.006 0
                         0.006 0
                                                 0
                                                    0.008 0
               0
                 0
                     0
                                  0
                                     0.006 0
                                            0
0.004 0.006 0.004 0
                  0.008 0
                          0
                             0
                                 0.008 0
                                                 0
                                                       0.006 0
                                                                0.008
                                          0
                                             0
                                                    0
 123 123:000036 25:0000068
                         + 0
                              0
                                  0
                                     0 0
                                           0
                                               0.006 0 0.006 0
      0.006 0
               0
                  0
                         0
                            0
                               0 0.006 0 *0.037 0
                                                     0.006 0
                      0
      0.006 0
               0
                  0
                      0
                         0
                            0
                                0
                                   0
                                      0 0
                                            0
                                                 0
                                                    0
                                                        0
          0 0.006 0
                      0.006 0 0.006 0
                                      0
                                          0.006 0
                                                  0
                                                     0
                                                         0
           0
               0
                            0
                                   0
                                      0.006 0
0.006 0
       0
                  0
                      0
                         0
                                0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
   0
          0
             0.006 0
                      0
                         0.006 0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0.006 0
0
   0
      0
          0.037 0
                 0
                      0
                         0
                            0
                               0 0.037 0
                                           0.006 0
                                                    0.006 0.037 0
      0.006 0
                                   0
                                             0.006 0.006 0
               0
                      0
                         0
                            0
                                0
                                      0 0
0.006 0.006 0 0.037 0
                     0.006 0
                              0.006 0
                                      0.006 0
                                              0
                                                  0
                                                      0
                                                         0.006 0
          0
             0
                0
                    0
                       0
                           0
                              0
                                  0.006 0
                                          0.037 0
                                                   0
                                                      0
                                                             0
                                                                0
0.006 0
       0
          0 0.006 0
                           0
                              0.006 0
                                      0
                                          0
                                             0.006 0
                                                      0
                                                         0
                                                             0
0.006 0.006 0 0 0
                       0
                           0.037 0
                                   0
                                      0
                                          0
                                             0
                                                0.037 0
      0.006 0
                           0
                                            0.037 0
                                                           0.006 0
   0
              0.006 0
                       0
                              0
                                  0
                                     0
                                        0
                                                    0
                                                       0
               0.006 0
                                                   0.006 0
0.006 0
        0
          0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
      0
         0 0
                0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0.006 0
                       0
                              0.037 0
0.006 0.006 0 0
                0
                    0
                           0
                                      0.006 0
                                               0
                                                  0
0.006 0
           0.037 0.037 0
                        0.037 0 0 0.006 0 0 0 0
        0
               0 0 0
0.037 0
           0
                         0 0
                               0 0
                                      0 0
                                             0
                                                 0.006 0
                                                         0
                                                                0.006
0.006 0
               0.006 0
                       0.006 0
                               0.006 0 0.006 0
                                                           0.037 0.006
        0
           0
                                                 0
                                                    0
                                                       0
          0.006 0 0 0.006 0 0 0 0 0
                                                  0 0
                                                         0.006 0
0.006 0
           0 0.006 0.006 0
                               0 0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                                  0
       0
             0
                0
                    0.006 0
                            0.006 0.006 0 0.006 0
                                                  0.006 0
0.006 0 0
          0
               0
                  0
                     0
                        0
                            0.006
 124 124:000036 8:0000019
                        + 0
                             0
                                   0
                                       0 0 0.006 *0.035 0.006 0
                                0
                                                                  0
          0.006 0
                  0
                      0
                         0
                            0
                                0
                                   0
                                       0.006 0
                                               0
                                                   0
                                                      0.006 0
   0
      0.006 0
               0
                      0
                            0
                                0
                                   0
                                      0 0 0 0 0 0
                                                               0.035 0
                  0
                        0
             0.006 0
                     0.006 0
                              0.006 0
                                      0
                                          0.006 0
                                                  0
                                                      0
                                                         0
0.006 0 0.035 0 0 0 0 0 0 0 0 0.006 0 0 0
```

```
0.006 0 0 0.006 0 0 0 0 0 0 0.006 0 0
        0
              0 0
                   0
                       0
                         0
                             0 0
                                  0 0.006 0 0.006 0 0.035 0
     0.006 0 0 0 0.035 0
                         0
                             0.035 0 0 0 0.006 0.006 0
0.035 0.006 0.006 0 0 0 0.006 0
                             0.006 0 0.006 0
                                           0 0 0
                                                   0.006 0
           0
             0
                0
                   0
                       0
                          0
                             0.035 0.006 0 0
                                           0
  0.006 0 0 0 0.006 0
                         0
                             0.006 0 0.035 0
                                           0.006 0 0
  0.006 0.006 0 0 0 0
                          0
                             0 0 0 0 0
                                           0
                                              0 0
  0 0.006 0.035 0.006 0 0 0
                          0 0
                                0
                                    0
                                      0 0
                                                  0.006 0
                                            0 0
0.006 \ 0 \ 0 \ 0.006 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0.006 \ 0
  0 0
        0 0.035 0 0 0 0
                           0 0 0 0
                                      0 0
                                            0.006 0
0.006 0.006 0 0 0 0 0.035 0
                          0 0 0.006 0 0 0 0
0.006 0 0 0 0 0 0 0 0 0.006 0.035 0 0 0 0.035 0
        0 0 0 0
                    0
                         0
                       0
                             0
                               0
                                   0.006 0
                                          0 0
                                                0.006 0.006 0
  0 0.006 0 0.006 0
                   0.006 0 0.006 0
                                  0
                                     0 0 0 0.006 0 0
0.006 0 0
        0 0.006 0
                               0
                                     0
                                        0.006 0 0.035 0.006 0
                    0
                       0
                         0
                             0
                                   0
        0.006 0.006 0
                    0 0
                         0
                             0
                               0
                                  0
                                     0
                                        0
                                                 0 0 0 0
                                           0 0
        0.006 0
               0.006 0.006 0.035 0.006 0 0.006 0 0
                                             0 0.006 0 0
  0
     0
        0.035 0 0.006
 125 125:000036 215:000062
                    + 0
                          0 0.006 0 0 0 0 0 0 0.007 0 0
0.006 0.008 0 0 0 0 0 0
                          0.008 0.01 0
                                     0 0.008 0
                                                  0.008 0.008
     0.008 0
            0 800.0 0
                          0
                            0
                               0
                                  0
                                     0.008 0
                                            0.008 0
                                                   0 0
     0.008 0 0.008 0
                   0
                       0
                          0
                             0
                               0
                                   0
                                     0.008 0
                                            0 0 0 0.008
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0
                                     0.007 0.008 0 0
                                                   0.008 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0
                                     0.008 0
                                              0.008 0
                                           0
0.008 0.008 0
              0.008 0.008 0 0 0 0.008 0 0 0 0
           0
                                                  0.007 0.008
                       0.008 0 0.008 0 0 0 0.007 0
     0
        0
           0
              0
                    0
                                                   0.007 0
0.007 0.008 0
           0
              0
                 0.008 0
                        0 0 0 0 0
                                      0 0.008 0
                                                   0 0
  0
                       0
                         0.008 0 0.008 0 0 0.007 0
           0
                    0
                                                  0 0.007 0
     0.008 0.008 0
                 0 0 0 0 0 0 0.008 0 0.008 0 0 0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0 0
0.008 0 0
         0.008 0
                0.008 0 *0.011 0.008 0
                                    0 0 0 0 0 0.007 0
          0.008 0.007 0 0 0 0
                                       0.007 0 0.007 0 0.008 0
  0.008 0
                              0
                                    0
  0.008 0.008 0.008 0 0 0 0.008 0
                                    0.008 0 0
                                             0.008 0
                                                     0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                       0 0 0.006 0.008 0 0
                                    0
0.008 0 0 0 0.008 0 0.006 0 0
                                                  0.007 0 0
                                    0
                                       0
                                          0
                                             0
                                                0
0 0 0 0 0 0.007 0 0 0.008 0 0 0 0.008 0
0 0.008 0.007
        0 0 0
                 0.008 0 0.008 0 0 0 0.007 0
                                             0.008 0
0.008 0 0.008 0 0
                 0 0.008 0 0.008 0.008 0 0 0.008 0 0.008 0.008 0
0.008 0 0
         0.008 0
                   0 0 0 0 0 0.008 0
                                          0
                                             0.006 0
                 0
0 0 0.008 0.007 0
                 0 0 0.007 0 0 0
                                      0
                                          0
                                             0 0 0 0 0
        0.008 0.008 0.008 0 0
 126 126:000036 18:0000046
                    + 0
                         0.029 0 0 0 0.038 0 0 0
0 0 0 0.029 0 *0.074 0 0 0 0 0 0 0 0 0
```

```
0.029 0
         0.038 0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0
                                                                      0
                                                                         0
       0.029 0
                    0
                        0
                           0.024 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0.029
0.029 0
                                      0.029 0
         0
            0
                0
                    0
                        0
                           0
                               0
                                   0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0
                                                                      0.014
0.029 0
                0
                    0
                        0
                           0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
0.039 0
         0
                0
                        0
                               0
                                      0
            0
                    0
                           0
                                   0
                                          0
                                              0
                                                     0
                                                             0
                                                                    0
                                                                        0
                                                 0
                                                         0
                                                                0
   0
       0
           0
                  0
                      0
                         0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0.038 0
              0
                             0
0
   0
                          0
                                        0
                                            0.038 0
                                                             0
                                                                    0.024 0
       0
           0
               0
                  0
                      0
                             0
                                 0
                                     0
                                                     0
                                                         0
                                                                0
0
   0
       0
           0
               0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                  0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      O
0
   0
       0
           0
              0
                  0
                      0.074 0
                               0
                                   0
                                      0
                                         0
                                              0
                                                     0
0
   0
       0
                  0
                          0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
           0
              0
                             0
                                                                   0
0
   0
       0
           0.038 0
                        0
                           0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
0
   0
       0
           0
              0
                      0.029 0
                               0
                                      0
                                              0
                                                     0
                  0
                                   0
                                         0
                                                 0
                                                         0
                                                             0
0
   0
       0
              0
           0
                                    0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
0
   0
                      0.038 0
                                         0
                                              0
                                                     0
       0
           0
              0
                  0
                               0
                                   0
                                      0
                                                 0
                                                         0
                                                             0
                                                                        0
0
   0
       0
           0
              0
                                            0
                                                0
                                                    0
                  0
                             0
                                 0
                                    0
                                        0
                                                       0
                                                           0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0.029 0
                                             0
                                                 0
                                                     0.029 0
                                                              0
                                                                  0
                                                                      0
                                                                         0
0
   0
                      0.029 0 0 0 0
                                         0.036 0 0
                                                       0
                                                              0
                                                                      0
       0
           0
               0
                  0
                                                                          0
   0
       0
           0.024 0
 127 127:000036 215:000062 + 0
                                 0
                                    0.006 0
                                              0
                                                0 0
                                                            0
                                                               0.007 0
                                                        0
0.006 0.008 0 0
                 0
                      0
                         0
                             0
                                 0.008 0.01 0
                                               0
                                                  0
                                                      0.008 0
                                                               0.008 0.008
       0.008 0
                0 0.008 0
                                 0
                                    0
                                        0
                                            0
                                                0.008 0
                                                         0.008 0
                                                                 0
       0.008 0
                0.008 0
                         0
                                                0.008 0
                             0
                                 0
                                    0
                                        0
                                            0
                                                         0
                                                                    0.008
0.008 0 0
           0.007 0 0 0 0.007 0.007 0
                                               0.007 0.008 0
                                                                0.008 0
                                          0
                                                              0
0.008 0.008 0.008 0
                          0.01 0.008 0.008 0
                   0
                       0
                                               0.008 0
                                                        0
                                                           0.008 0
0.008 0.008 0
              0
                  0.008 0.008 0
                                0 0.008 0
                                                 0
                                                     0
                                                         0
                                                            0
                                                                0.007 0.008
   0
                             0.008 0 0.008 0
                                               0 0
       0
              0
                  0
                         0
                                                       0.007 0
                                                                0.007 0
0.007 0.008 0
              0
                  0
                      0.008 0
                               0
                                      0
                                         0
                                              0
                                                 0
                                                     0
                                                         0.008 0
                                 0
                                                                  0
                                                                      0
                                         0.008 0 0
                                                       0.007 0
   0
           0
              0
                  0
                         0
                             0
                                0.008 0
                                                                    0.007 0
0
       0.008 0.008 0
                      0
                         0
                             0
                                 0 0 0
                                            0.008 0
                                                     0.008 0.008 0
       0.01 0.008 0
                                           0.008 0.008 0.007 0.008 0
                     0.008 0.008 0
                                   0
                                      0
0.008 0 0
            0.008 0
                      0.008 0 *0.011 0.008 0
                                              0
                                                 0
                                                     0
                                                             0 0.007 0
                                                         0
   0.008 0
            0.008 0.007 0
                               0
                                 0
                                                 0.007 0
                                                          0.007 0
                          0
                                      0
                                         0
                                              0
   0.800.0 800.0 800.0 800.0
                           0 0
                                   0.008 0
                                             0.008 0
                                                      0
                                                          0.008 0
                                                                   0.007 0
0.008 0
         0.008 0 0 0.007 0.008 0
                                    0.008 0
                                                        0.006 0.008 0
                                             0
                                                 0 0
0.008 0 0
           0 0
                   0.008 0 0.006 0
                                      0
                                         0
                                              0
                                                 0
                                                     0
                                                         0
                                                            0
                                                                0.007 0 0
              0
                  0.007 0 0 0 0.008 0
                                            0
                                               0
                                                   0
                                                       0.008 0
                   0.006 0.011 0.008 0.006 0 0.008 0.008 0
0.008 0.008 0.007 0
                                                           0
                                                                0.008 0.007
           0
                      0.008 0
                              0.008 0
                                           0
                                               0.007 0
                                                         0.008 0
                  0
                                        0
0.008 0
        0.008 0
                  0
                      0
                         0.008 0
                                 0.008 0.008 0
                                                 0
                                                     0.008 0 0.008 0.008 0
0.008 0
         0
            0.008 0
                      0
                         0
                             0 0 0
                                        0
                                            0.008 0
                                                     0
                                                         0.006 0
                                                                  0
       0.008 0.007 0
                      0
                         0
                             0.007 0
                                     0
                                         0
                                             0
                                                0
                                                     0
                                                         0
                                                            0
                                                                0
   0
           0.008 0.008 0.008 0
   0
                               0
```

0.038 0

0 0

0 0

0.029 0

0 0

0.029 0.029 0

```
128 128:000037 168:000049 + 0
                          0
                             0
                                0.017 0 0 0.004 0.006 0.004 0
0.006 0 0
         0
             0.004 0 0 0
                          0
                             0.006 0 0
                                       0.013 0 0.006 0 0.004 0
        0 0.004 0 0.012 0
                          0
                             0 0 0.006 0.006 0 0
         0 0 0 0 0.013 0.006 0.004 0 0.004 0.006 0
  0.006 0
                                                 0.004 0
               0.004 0 0.006 0
                             0 0 0
                                       0
                                          0
                                             0 0
  0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0
                                                 0
                                                     0 0 0
         0 0 0 0 0 0 0.006 0 0 0.006 0
                                            0 0.012 0.006 0
0.004 0 0.004 0.006 0.006 0 0 0 0.013 0.006 0 0 0.006 0
                                                  0
  0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
0.017 0.013 0 0 0 0.012 0.004 0
                            0
                               0 0
                                      0 0
                                            0
                                              0 0 *0.046 0
0.006 0.004 0 0.006 0 0.006 0 0
                               0.006 0 0.004 0.017 0 0
0.013 0 0 0.004 0 0.006 0 0.004 0 0 0.006 0 0 0.004 0.004 0.006 0
        0.006 0 0 0.012 0
                         0 0.006 0
                                    0.006 0
                                           0 0 0
0.006 0.004 0 0 0.017 0 0 0 0 0.006 0 0 0 0.004 0.006 0.004 0
     0.004 0 0 0 0 0 0 0 0 0 0.004 0 0 0 0.006 0 0
0.004 0.004 0 0.006 0 0 0.006 0
                            0.006 0
                                    0.013 0.012 0.012 0 0 0
  0 0.004 0.006 0 0.006 0.006 0 0.006 0 0
                                       0.004 0.006 0 0.006 0.006
0.006 0 0 0.006 0.006 0 0 0 0 0
                                    0
                                       0
                                          0
                                                0 0
     0.004 0.013 0 0 0.012 0.013 0 0.004 0
                                       0.004 0 0.004 0
                                                      0.006 0
  0.006 0.004 0
              0 0 0.004 0
                           0
                              0 0.004 0 0 0
                                              0 0 0.006 0
         0.006 0.004 0 0 0 0
                              0.004 0.013 0.006 0.006 0 0 0
   0.013 0
         0 0 0.006 0 0 0.006 0 0
0.006 0
                                    0 0.004 0 0.013 0.013 0.006
0.013 0
       0.004 0
              0
                 0 0.004 0
                           0.012 0 0
                                     0
                                         0.006 0
                                                0.004
 129 129:000037 40:0000107 + 0 0
                             0 0
                                   0
                                      0
                                         0.006 0 0.006 0 0
     0.006 0
             0
               0
                  0
                     0 0 0 0.006 0
                                      0
                                         0
                                            0.006 0
  0.006 0
         0
             0
                0
                   0
                     0 *0.045 0 0 0
                                      0
                                         0
                                            0
                                               0
        0 0.006 0
                   0.006 0 0.006 0 0
                                    0.006 0
                                            0
                                               0
             0 0
                   0
                     0 0
                            0 0.006 0
0.006 0 0
         0
                                         0
                                            0
                                               0
                                                  0
                   0 0.006 0 0 0
           0.006 0
                                   0
                                      0
                                            0.006 0
        0
           0 0 0.045 0 0 0 0 0 0.006 0
                                            0.006 0
                                                         0
                          0 0
                                0 0
                                      0.006 0.006 0 0
   0.006 0.045 0
              0 0
                    0 0
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0
                                       0
                                          0
                                             0.006 0
                       0.006 0 0
     0
        0
           0
              0
                 0
                    0
                                0 0
                                       0
                                           0
                                             0 0 0
        0.006 0
               0 0.006 0
                          0
                                0.006 0
                                       0
                                          0.045 0
                             0
                                                 0
                                                     0.006
0.006 0.045 0 0 0
                 0
                    0
                       0
                          0
                             0
                                0
                                      0 0
                                            0 0
                                   0
0.006 0 0.006 0
              0 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                        0
                                            0.006 0
                                                   0.006 0
         0 0 0 0 0
                         0
                           0 0
                                 0.006 0
                                         0
                                            0
                                               0
                                                  0
     0 0 0 0 0 0 0 0
                                0
                                   0.006 0 0 0 0.006 0.006
             0
               0 0
                     0
                        0.006 0
                                0
                                   0
                                      0
                                        0
                                            0 0
                                                  0
                                                     0.006
  0.045 0
         0
             0 0 0
                     0
                         0.006 0
                                0
                                   0
                                      0.045 0
                                             0
                                                0
                                                   0
                                                      0
           0 0 0
                    0
                       0
                          0
                                0.006 0
                                      0 0
                                             0.006 0.006 0
     0
        0
                            0
  0.006 0
         0.006 0 0.006 0
                        0.006 0
                                0.045 0
                                       0
                                          0
                                             0.006 0
                                                    0 0
          0 0.006 0 0 0 0
                                0 0 0 0.006 0 0
                                                   0.006 0
```

```
0.006 0.006 0 0 0 0 0 0 0 0 0 0 0.045 0
0.045 0 0 0 0.006 0 0.006 0.006 0
                                   0.006 0 0.006 0
                                                     0 0
                                                           0.006 0
         0
            0 0
                    0.006
 130 130:000037 119:000035
                        + 0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                         0
                                                            0
                                                                0
                                                     0
0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
      0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
                                                                0
          0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
             0
                0
                   *0.31 0
                            0
                               0
                                   0
                                     0
                                          0
                                             0
                                                0
                                                    0
                                                       0
                                                          0.31 0
0
   0
          0
                              0
                                     0
                                           0
                                                  0
                                                         0
      0
             0
                0
                    0
                       0
                           0
                                 0
                                        0
                                               0
                                                      0
                                                            0
                                                                0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                     0
                                                         0
                                                            0
                                                                0
                                                  0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
             0
                0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
             0
                    0
                       0
                           0
                                 0
                                     0
                                        0
                                               0
                                                     0
                                                            0
                                                                0
                0
                              0
                                           0
                                                  0
                                                         0
0
   0
          0
                       0
                              0
                                    0
                                           0
                                                  0
                                                         0
      0
             0
                0
                    0
                           0
                                 0
                                        0
                                               0
                                                     0
                                                            0
                                                               0
                       0
                                     0
0
   0
      0
          0
             0
                0
                    0
                           0
                              0
                                 0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
                                                                0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
0
0.071 0 0
          0
               0 0 0
                       0
                            0
                              0
                                   0
                                     0
                                         0
                                            0
                                                0 0
                                                       0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
   0
          0
             0
                0
                    0
                                 0
                                        0
                                           0
                                                  0
                                                         0
      0
                       0
                           0
                              0
                                     0
                                               0
                                                      0
 131 131:000037 70:0000179
                        + 0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                      0
                                           0.007 0 0 0.007 0
  0 0 0 0
                0
                          0
                              0
                                 0
                                    0
                                        0
                    0
                       0
0.007 0 0 0 0.007 0
                              0
                                 0
                                    0.007 0 0.007 0
                       0
                          0
                                                    0
                                                        0
0.007 0 0.007 0 0 0
                       0
                          0
                              0
                                 0
                                    0
                                        0 0 0 0 0.007 0
*0.038 0 0 0 0.038 0.038 0
                            0 0.038 0
                                        0 0 0.007 0
                                                       0
                                                              0.007
  0 0 0 0.007 0.007 0 0.007 0 0 0.007 0 0 0.007 0
                                                          0
0.007 0 0 0 0.007 0 0
                          0 0 0
                                    0.038 0.007 0 0 0 0
                                                             0.007 0
   0.007 0 0.007 0 0
                      0 0.038 0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                      0
                                                          0
                      0.007 0
0
             0 0 0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                              0
0
          0.007 0 0 0
                       0 0
                                   0
                                     0
                                         0
                                             0.007 0.007 0
   0
      0
                              0
                                                          0
          0.007 0 0.007 0.007 0
                                   0
                                             0
                                                0.007 0
                               0
                                      0
                                         0
                                                        0
0
   0.007 0.007 0.038 0
                     0
                        0 0.007 0 0 0.007 0 0.007 0
                                                        0
          0 0.038 0 0
                        0.007 0 0.007 0.038 0 0 0 0
                                                             0.007 0
0.038 0 0.038 0
                0.007 0
                        0 0 0.007 0 0.007 0 0 0
                                                          0
   0.007 0
           0.038 0
                      0 0.007 0 0 0.038 0 0 0 0
                    0
0
      0
          0
             0
                    0
                       0
                          0.007 0 0 0 0 0 0 0
                0
                                                          0
                                                              0
             0
                0
                    0
                       0
                           0
                             0 0 0 0
                                           0
                                               0
                                                 0
0.007 0.007 0
             0
                0
                    0
                       0.007 0 0
                                  0.007 0
                                           0 0 0 0.038 0 0
                                                                 0
             0
                0.007 0 0 0 0.038 0 0.007 0 0
                                                       0.007 0
0
   0
      0
          0.007 0 0.007 0.007 0 0 0.007 0 0 0.007 0
                                                       0.007 0
```

```
0.007 0 0 0 0 0 0 0 0 0 0.007 0 0
               0
                  0
   0
         0
            0
               0
                  0
                     0 0 0 0 0 0 0 0 0
                                                   0.007 0.007
0.007 0 0
                                   0 0 0.006 *0.035 0.006 0
 132 132:000037 8:0000019
                     + 0
                           0
                             0
                                 0
         0.006 0
                0
                   0 0
                         0
                             0
                                0
                                  0.006 0 0 0 0.006 0
             0
                   0
                      0
                          0
                             0
                                0
                                      0 0 0 0 0 0 0.035 0
                0
                                   0
            0.006 0 0.006 0 0.006 0 0
                                      0.006 0 0 0 0 0
         0
0.006 0
       0.035 0
               0 0
                     0
                       0
                           0
                              0
                                 0
                                    0.006 0 0
                                               0
                                                  0
              0.006 0 0 0.006 0
                                       0 0 0 0.006 0
         0
            0
                                 0
                                    0
         0
            0
               0 0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                        0.006 0
                                              0.006 0 0.035 0
      0.006 0 0 0 0.035 0
                              0.035 0 0 0 0.006 0.006 0
0
                           0
0.035 0.006 0.006 0 0 0 0.006 0
                              0.006 0
                                      0.006 0
                                             0
                                                0
                                                      0.006 0
                    0 0
0
         0 0 0 0
                           0
                              0.035 0.006 0 0
                                              0
                                                    0
                                                       0
                                                          0 0
                                                 0
0
   0.006 0 0 0 0.006 0
                           0
                              0.006 0
                                      0.035 0
                                             0.006 0
   0.006 0.006 0 0 0 0
                           0
                              0 0 0 0 0
                                              0
                                                 0 0
                                                       0
      0.006 0.035 0.006 0
                      0 0
                            0
                                0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                 0
0.006 0 0 0 0.006 0 0 0 0 0 0 0 0
                                             0.006 0
                                               0.006 0
        0 0.035 0 0 0 0
                            0 0
                                  0 0
                                        0 0
0.006 0.006 0 0 0 0 0.035 0
                            0 0
                                  0.006 0 0
                                             0
                                                 0 0
0.006 0 0 0 0 0 0 0 0.006 0.035 0 0
                                            0
                                              0.035 0
              0 0
                        0
                           0 0
                                 0
                                    0.006 0
                                            0 0 0.006 0.006 0
        0 0
                     0
      0.006 0 0.006 0
                     0.006 0
                            0.006 0
                                    0
                                       0
                                          0
                                             0
                                                 0.006 0 0 0
0.006 0 0 0 0.006 0
                     0 0
                           0
                              0
                                 0
                                    0
                                       0
                                          0.006 0
                                                  0.035 0.006 0
         0.006 0.006 0
                           0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                    0 0
                     0
                        0
0
         0.006 0 0.006 0.006 0.035 0.006 0 0.006 0
                                            0
                                                0
                                                   0.006 0 0
   0
      0
                0.006
      0
         0.035 0
                                                   *0.056 0 0
 133 133:000038 10:0000021
                      + 0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
0 0 0
        0
            0
              0
                        0
                           0
                              0
                                 0
                                     0
                                        0.007 0 0 0.007 0
                  0
                     0
0.007 0 0
         0
             0.007 0
                     0
                        0
                           0
                              0
                                 0.007 0
                                        0.007 0
                                                0
                                                    0
0.007 0 0.007 0
               0
                     0
                           0
                              0
                                       0 0 0 0.007 0 0
                  0
                        0
                                 0
                                    0
                        0
                           0
         0 0
               0
                  0
                     0
                              0
                                 0
                                     0.007 0 0 0 0.007 0
                                                     0.007 0
  0.007 0.007 0 0.007 0
                      0
                         0.007 0
                                 0
                                    0.007 0 0
                                               0 0
                          0.007 0
                                 0
         0 0
               0
                   0
                      0
                                    0
                                       0 0
                                             0
                                                 0 0
0.007 0 0 0
             0 0 0.056 0
                           0 0.056 0 0 0
                                            0
                                               0.007 0
                                                      0
        0 0.007 0 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
0.007 0 0
         0.056 0 0 0.056 0
                            0
                                0
                                   0.007 0.007 0
                                               0
                                                  0
                                                     0
   0.007 0
          0.007 0.007 0
                                   0
                                      0.007 0 0 0 0
                      0
                         0
                            0
                                0
0.007 0.007 0 0 0 0 0.007 0
                            0
                                0.007 0
                                       0.007 0
                                               0
                                                     0
                                                  0
            0
              0 0.007 0
                         0.007 0
                                    0
                                       0
                                                   0
                                 0
                                           0
                                              0
                                                 0
         0 0
               0.007 0 0.007 0
                                      0
                                         0
                                            0.007 0 0
                                                      0.007 0
  0.007 0
                                0
                                   0
      0
            0.007 0
                   0
                      0
                          0
                                0
                                      0
                                         0
                                            0
                                               0 0
                                   0
      0
         0
            0.007 0
                    0
                      0
                          0
                             0
                                0
                                      0
                                         0
                                            0
                                               0.056 0
                                                       0 0 0
0
   0
                                   0
         0.056 0
                0
                   0
                          0
                                0
                                   0
                                      0
                                         0
                                            0
                                                  0.007 0.007
0.056 0 0 0 0.007 0 0 0.007 0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0 0 0
```

```
0.007 0 0 0
                 0
                     0
                        0.007 0
                               0 0 0.007 0
                                            0.007 0
0.007 0 0.007 0.007 0
                  0
                     0.007 0
                           0
                               0.007 0
                                      0.007 0
                                             0
                                                0
  0 0 0 0.007 0
                  0
                     0
                        0
                           0
                              0
                                0 0
                                       0
                                         0.007 0.056 0 0 0
0.056 0 0 0 0 0 0
                        0
                              0
                                0 0
                                     0 0 0.007 0.007 0.007 0
                     0
                          0
  0
 134 134:000038 38:0000103 + 0
                         0
                            0
                               0
                                  0
                                     0
                                           0
                                              0
                                        0
           0
              0
                          0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                                 0
                 0 0
                       0
                                              0
     0
        0
           0
              *0.283 0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
           0
              0
                 0
                   0
                       0
                          0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
            0
               0 0
                    0
                        0
                           0
                              0
                                0
                                    0
                                         0
                                               0.043 0
                                                         0
       0
         0
                                       0
                                            0
  0
        0
           0
              0
                 0
                    0
                       0
                          0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
0
                 0
                    0
                       0
                          0
                             0
                               0
                                  0
                                     0
                                        0
     0
0
  0.283 0
         0
            0
               0
                  0
                    0
                        0
                           0
                              0
                                0
                                    0
                                       0
                                         0
                                            0
                                               0
                                                     0
                                                  0
0
     0
              0
                    0
                          0
                               0
                                           0
        0
           0
                 0
                       0
                            0
                                  0
                                     0
                                        0
                                              0
0
  0
     0
        0
           0
              0
                 0
                    0
                       0
                          0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                       0
0
  0
     0
        0
           0
              0
                 0
                    0
                       0
                          0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
0
  0
     0
        0
           0
              0
                 0
                    0
                       0
                          0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
0
              0
                 0
                    0
                       0
                          0
                             0
                               0
                                  0
                                     0
                                        0
  0
     0
        0
           0
                                           0.043 0
  0
     0.043 0 0 0 0 0 0 0 0 0 0
                                            0 0
0.043 0 0 0 0 0 0 0 0 0 0
                                     0 0 0 0
        0 0 0 0
                   0 0
                         0 0
                               0 0
                                     0 0
                                          0
     0
                                              0
                                                 0
         0 0 0.043 0 0
                         0 0
                               0
                                  0
                                     0 0
                                           0.043 0
0.043 0
         0
            0
              0 0 0 0 0 0 0 0 0 0 0
                    0
                          0
                            0
                               0
                                  0
                                     0
                                          0
                                                 0
           0
              0
                 0
                       0
                                        0
                                              0
                                          0
0
              0
                 0
                    0
                       0
                          0
                            0
                                  0
                                     0
                                        0
                                              0
                                                 0
     0
        0
           0
                               0
                       0
              0
                 0
                    0
                         0.043 0 0 0 0 0 0
                                    0 0.006 *0.035 0.006 0
 135 135:000038 8:0000019
                    + 0
                         0
                           0
                              0
                                 0
  0
        0.006 0
               0 0 0 0
                          0 0 0.006 0 0 0 0.006 0
     0.006 0 0
               0 0
                    0
                       0
                           0
                              0
                                0 0
                                      0 0 0 0 0
        0 0.006 0 0.006 0 0.006 0
                                0
                                   0.006 0 0 0 0
0.006 0 0.035 0
                               0 0.006 0 0
              0 0 0 0
                         0
                            0
                                           0
                                               0
0
     0
        0
           0
             0.006 0 0 0.006 0
                               0 0
                                     0 0
                                           0 0.006 0
                                     0.006 0 0.006 0 0.035 0
             0 0
                   0 0
                         0
                            0
                               0
                                  0
     0.006 0 0 0 0.035 0
                            0.035 0 0 0 0.006 0.006 0
                         0
0.035 0.006 0.006 0
                    0.006 0
                            0.006 0
              0
                  0
                                   0.006 0
                                          0
                                             0
                                                0
                                                   0.006 0
     0 0 0 0 0 0
                         0
                            0.035 0.006 0 0
                                           0 0 0
                                                   0
  0.006 0 0 0 0.006 0
                            0.006 0
                         0
                                   0.035 0
                                           0.006 0 0
  0.006 0.006 0 0 0 0
                         0
                            0 0 0 0 0
                                              0 0
                                                    0
                                           0
  0 0.006 0.035 0.006 0 0 0 0 0 0
                                   0 0 0
                                           0 0
                                                 0.006 0
0.006 0 0 0 0.006 0 0 0 0 0 0
                                     0 0
                                           0.006 0
                                                  0
  0 0 0 0.035 0 0 0 0
                          0 0 0 0 0
                                         0
                                            0.006 0
0.006\ 0.006\ 0\quad 0\quad 0\quad 0\quad 0.035\ 0\quad 0\quad 0\quad 0.006\ 0\quad 0\quad 0\quad 0
                                                   0
0.006 0 0 0 0 0 0 0 0 0.006 0.035 0 0
                                        0
                                            0.035 0
```

```
0.006 0
              0.006 0
                      0.006 0 0.006 0
                                       0
                                          0
                                             0
                                                0
                                                    0.006 0 0 0
0.006 0 0
          0 0.006 0
                      0
                         0
                             0
                                0
                                   0
                                       0
                                          0
                                             0.006 0
                                                     0.035 0.006 0
         0.006 0.006 0
                      0 0
                             0
                                0
                                    0
                                       0
                                          0
                                             0
                                                 0
                                                    0
                                                       0 0 0 0
   0
         0.006 0
                 0.006 0.006 0.035 0.006 0 0.006 0
                                                       0.006 0 0
0
      0
                                                0
                                                   0
         0.035 0
                 0.006
   0
      0
 136 136:000039 10:0000021
                       + 0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                      *0.056 0
   0
      0 0 0
               0
                                0
                                    0
                                       0
                                          0.007 0 0 0.007 0
                   0
                       0
                          0
                             0
0.007 0 0
          0
              0.007 0
                      0
                          0
                             0
                                0
                                    0.007 0
                                           0.007 0
                                                   0
                                                       0
                             0
                                0
0.007 0 0.007 0
                0
                   0
                      0
                          0
                                    0
                                       0 0 0 0 0.007 0 0
         0
             0
                0
                       0
                          0
                             0
                                0
                                    0
                                       0.007 0 0 0 0.007 0
   0 0
                   0
                           0.007 0
   0.007 0.007 0
               0.007 0
                       0
                                   0
                                       0.007 0 0
                                                  0
                                                        0.007 0
                                                     0
                           0.007 0
                                       0 0 0 0 0 0 0.007 0
   0.007 0
          0 0 0
                     0
                       0
                                    0
                                                  0.007 0
0.007 0 0
              0 0 0.056 0
                             0 0.056 0
                                        0
                                           0
                                               0
                                                         0
          0
  0 0 0 0.007 0 0
                       0 0
                                  0
                                        0 0
                                               0
                               0
                                     0
                                                  0 0
          0.056 0 0
0.007 0 0
                      0.056 0
                              0
                                  0
                                     0.007 0.007 0
                                                  0
                                                     0
                                                         0
                                                               0
   0.007 0
          0.007 0.007 0
                        0
                           0
                              0
                                  0
                                     0
                                        0.007 0 0
                                                   0
                                                      0
0.007 0.007 0 0 0 0 0.007 0
                                  0.007 0 0.007 0 0 0 0 0
                              0
            0 0 0.007 0
                          0.007 0
                                    0 0
                                          0 0
                                                0
                                                    0
                                                       0
   0.007 0 0 0 0.007 0 0.007 0
                                               0.007 0 0 0.007 0
                                  0
                                     0
                                        0
                                            0
      0
         0
             0.007 0
                     0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0 0 0 0 0
0
             0.007 0
                     0
                        0
                           0
                                  0
                                        0
                                                  0.056 0 0
                                                             0 0
   0
      0
         0
                               0
                                     0
                                            0
                                               0
                                                      0.007 0.007
         0.056 0 0
                     0
                           0
                                  0
                                     0
                                         0
                                            0
                                               0
0.056 0 0
          0 0.007 0
                      0 0.007 0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                      0 0 0 0
                                                  0
   0
     0.007 0
                           0.007 0
              0
                 0
                     0
                        0
                                   0 0
                                          0.007 0
                                                  0.007 0
0.007 0 0.007 0.007 0
                        0.007 0 0 0.007 0
                                           0.007 0
                     0
                                                  0 0
         0 0.007 0
                                               0.007 0.056 0
   0 0
                     0
                        0
                           0
                               0
                                  0
                                     0
                                        0
                                            0
0.056 0 0 0 0 0
                     0
                        0
                           0
                               0
                                  0
                                    0 0
                                           0
                                               0 0.007 0.007 0.007 0
0 0
 137 137:000039 28:0000081
                       + 0
                             0
                                0
                                    0
                                       0
                                          0
                                              0 0
                                                    0
  0 0 0 0
               0
                             0
                                0
                                    0
                                       0
                                          0.008 0 *0.057 0.008 0
                   0
                       0
                          0
0.008 0 0 0 0.008 0
                      0
                          0
                             0
                                0
                                    0.008 0
                                           0.008 0 0 0
0.008 0 0.008 0
                0
                   0
                      0
                          0
                             0
                                0
                                    0.057 0
                                           0 0 0 0.008 0
                             0.057 0
                                    0 0.008 0 0 0
                                                       0.008 0 0
      0 0
             0
                0
                   0
                       0
                          0
0
      0.008 0.008 0
                   0.008 0
                           0
                              0.008 0 0 0.008 0 0 0 0.008 0
      0.008 0
                                                              0.008
0
              0
                 0
                     0
                        0
                           0
                               0.008 0 0 0 0
                                                0
                                                    0
                                                       0
0
   0.008 0
          0
              0
                  0
                     0
                        0
                           0
                               0
                                  0
                                     0.057 0 0 0
                                                    0.008 0
0
         0 0.008 0
                        0
                           0
                               0
                                  0
                                     0 0
                                           0
                                               0
                                                  0
                                                     0
   0.008 0
          0 0
                 0
                           0
                                     0.008 0.008 0
0
                    0
                        0
                               0
                                  0
                                                  0
                                                      0
                                                            0
                                                               0
   0.008 0
          0.008 0.008 0
                        0
                                  0
                                     0
                                        0.008 0
                                               0
                                                       0
                           0
                               0
                                                   0
0.008 0.008 0 0.057 0 0
                        0.008 0
                               0
                                   0.008 0
                                           0.008 0
                                                   0
                                                       0.057 0
               0 0.008 0
                              0.008 0
0
                                       0
                                          0
                                             0
                                                 0
                                                    0
                                                       0
                             0.008 0
0
      0.008 0 0 0.008 0
                                     0
                                        0
                                            0
                                               0
                                                  0.008 0
                                                         0
                                                              0.008
                0.008 0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                      0
                                                         0.057 0
0
   0
      0
          0
             0
                0.008 0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
```

```
0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                    0
                                                        0
                                                           0.008 0.008 0
              0
0
       0
          0.008 0
                   0
                      0.008 0
                               0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0.057
0
                      0
                         0.008 0
                                   0
                                      0
                                         0.008 0
                                                  0.008 0
                                                           0
                                                              0
                                                                  0.008
   0.008 0.008 0
                0 0.008 0 0.057 0.008 0
                                           0.008 0
0
                                                    0
                                                           0
                                                              0
                                                                  0
                                                                     0
          0.008 0
                      0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0.008 0
                                                           0
                                            0.008 0.008 0.008 0
0
       0
                    0
                        0
                            0 0 0 0
                                         0
                 0
 138 138:000039 24:0000067
                         + 0.013 0 0
                                       0
                                          0
                                              0
                                                  0
                                                     0
0
                 0
                        0
                            0
                               0
                                 0
                                     *0.142 0
                                               0
                                                   0
                                                      0
                                                                    0
                     0
0
   0
       0
          0
                     0
                        0
                            0
                               0
                                   0.013 0
                                          0.142 0
                                                    0
                                                        0.013 0
0
      0.013 0
                                    0
                                           0
                                                  0
                                                         0.013 0
   0
               0
                   0
                      0
                         0
                             0
                                0
                                       0
                                              0
                                                     0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
0
   0
      0
          0
              0
                        0
                            0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0.013 0
                     0
                               0
0
   0
      0
          0
              0
                               0.013 0
                                           0
                                                  0
                                                         0
                 0
                     0
                        0
                            0
                                       0
                                              0
                                                      0
                                                                    0
0
   0
      0
          0
              0
                 0
                     0.142 0
                                                  0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                      0
                                                         0
                                                                    0
0
   0
       0
          0
              0
                 0
                                   0
                                     0
                                         0
                                             0.013 0
                                                         0
                                                                    0
                     0
                        0
                            0
                               0
                                                      0
   0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0.013 0
0.013 0
        0
            0
               0
                   0
                      0
                          0
                             0 0
                                    0
                                      0 0 0 0 0.013 0 0
              0
                 0.013 0
                         0.013 0
                                  0
                                      0
                                         0
                                             0 0
                                                    0
                                                        0.013 0
0.142 0
        0
            0
               0
                   0
                      0
                         0
                             0
                                0 0
                                       0 0
                                              0 0
                                                     0
                                                         0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                         0
                                             0.013 0 0 0.013 0
0
                                             0
   0
      0
          0
              0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                                 0
                                                    0
                                                        0
                                                           0.013 0
                 0
0
   0
      0
          0
              0
                 0.013 0
                             0
                                    0
                                       0 0
                                              0
                                                  0
                                                     0
                                                         0
                         0
                                0
0
   0
      0
          0
              0
                     0
                        0
                               0
                                   0
                                      0.013 0
                                              0
                                                  0
                                                         0
                                                            0
                 0
                            0
                                                      0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0.013 0
0
   0
          0
                     0
                        0
      0
              0
                 0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0.142 0
                                                                    0
0
   0
       0
          0
              0
                     0
                 0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0.013 0
   0
       0
          0
              0
                 0
                     0
                        0
                            0.013 0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
 139 139:000039 34:0000095
                         + 0
                               0
                                   0
                                      0
                                         0
                                            0 0.008 0.006 0.008 0
0.006 0 0
           0
               0.008 0
                       0
                           0
                               0.007 0.006 0
                                             0
                                               0.004 0 0.006 0 0.008
                   0.008 *0.013 0 0
                                    0
                                               0.006 0.006 0
      0.007 0
               0
                                        0
                                           0
                                                            0 0
          0.006 0
                   0
                      0
                         0 0
                                 0.004 0.006 0.008 0
                                                    0.008 0.006 0
   0.006 0
            0
               0
                   0
                      0.800.0
                               0.006 0
                                       0
                                           0
                                               0 0.013 0
                                                          0
                                                                  0.008
               0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                        0
                                           0.008 0
                                                    0.01 0.008 0
          0.008 0
                      0
                             0
                                    0
                                        0.006 0 0
                                                    0.006 0
      0
                   0
                         0
                                 0
                                                             0
                                                                0
                0.008 0.006 0.006 0
                                       0
        0.004 0
                                    0
                                           0.004 0.006 0
0.006 0 0
            0 0.008 0.008 0 0.006 0.006 0.008 0.007 0.006 0.006 0.008
                    0 0.007 0
                                0.008 0 0.01 0.007 0
   0.008 0
            0.004 0
                                                      0
      0.006 0.008 0
                    0.006 0.007 0.006 0 0 0 0.006 0
                                                      0.004 0
                                                               0.007 0
                                0.008 0 0 0.006 0 0 0.008 0.008
   0.004 0
                       0.006 0
               0.008 0
0.006 0 0
                  0.006 0
                           0 0
                                  0
                                      0
                                         0.006 0 0.006 0
            0
               0
                                                          0
                                                              0
0.008 0.006 0.008 0
                      0
                         0
                             0
                                0
                                    0
                                       0.006 0
                                                0
                                                    0
                                                      0.008 0.006 0.008
   0.013 0
            0.008 0
                    0 0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.008 0
                                                                0.006 0
                                                         0
                                                             0
   0.006 0
            0.006 0
                    0
                        0
                           0
                               0
                                   0
                                      0
                                         0
                                             0
                                                 0
                                                    0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0 0.004 0
                                                      0 0
                                                             0.01 0
```

```
0 0.008 0.006 0
                          0.006 0.006 0 0.006 0
                                                 0
                                                     0.008 0.006 0
0.006 0.006 0 0
                 0.006 0.006 0
                               0
                                   0 0
                                          0
                                              0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                0
                                                                    0
            0 0.008 0.004 0
                              0
                                 0 0.004 0
                                              0.008 0
                                                       0.008 0
                                                                0.008 0
                                                    0.008 0
        0.007 0.006 0.008 0
                                   0.008 0 0
0.006 0
                           0
                                0
                                                0
                                                             0
                                                                0
                     0.006 0.008 0
0.006 0
            0.004 0
                                   0
                                       0
                                          0
                                              0.008 0.004 0.006 0.006 0
   0 0.006 0
                   0 0
                          0.006 0
                                       0.006 0
                                                    0
                                                        0.008 0
                0
                                    0
                                                0
                                                    0
0.004 0.006 0.004 0
                   0.008 0
                            0
                                0
                                   0.008 0
                                            0
                                                0
                                                       0
                                                           0.006 0
 140 140:000039 34:0000095
                          + 0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0.008 0.006 0.008 0
                                0.007 0.006 0
0.006 0 0 0
                0.008 0 0 0
                                              0
                                                  0.004 0 0.006 0
       0.007 0
                0
                   0.008 *0.013 0
                                  0
                                      0
                                         0
                                             0
                                                 0.006 0.006 0
                                                               0
                                  0.004 0.006 0.008 0
                                                      0.008 0.006 0
       0
          0.006 0
                   0
                       0 0
                              0
                                                                    0.008
   0.006 0
            0
                0
                   0
                       0.008 0
                               0.006 0
                                         0
                                             0
                                                0 0.013 0
                                                                    0.008
0.006 0
        0
            0
                0
                   0
                       0
                          0
                              0
                                  0
                                     0
                                         0
                                             0.008 0
                                                      0.01 0.008 0
          0.008 0
                   0
                       0
                           0
                              0
                                      0
                                         0.006 0 0
                                                      0.006 0
                                  0
       0.004 0 0.008 0.006 0.006 0
                                     0
                                         0
                                            0.004 0.006 0
                                                          0
                                                              0.006 0
0.006 0
                0.008 0.008 0
                              0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
                     0 0.007 0 0.008 0
            0.004 0
                                         0.01 0.007 0
                                                       0 0
                     0.006 0.007 0.006 0
       0.006 0.008 0
                                        0
                                            0 0.006 0
                                                        0.004 0
                                 0.008 0 0 0.006 0 0
   0.004 0
                0.008 0
                        0.006 0
                                                           0.008 0.008
            0
                0
                  0.006 0 0 0 0 0
                                           0.006 0
                                                    0.006 0
                                                             0
0.008 0.006 0.008 0
                              0
                                 0
                                     0
                                        0.006 0
                                                      0
                                                        0.008 0.006 0.008
                  0
                       0
                          0
                                                  0
   0.013 0
            0.008 0
                     0
                        0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0.008 0
                                                           0
   0.006 0
            0.006 0
                     0
                        0 0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0.008 0
                                                               0
                                                                  0 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                      0.006 0
                                               0.004 0
                                                        0
                                                               0.01 0
           0.008 0.006 0 0.006 0.006 0 0.006 0
                                                     0.008 0.006 0
        0
                                                 0
                                                                    0.006
0.006 0.006 0 0 0.006 0.006 0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                      0
                                                             0
0.008 0
        0
           0 0.008 0.004 0
                              0
                                 0 0.004 0
                                              0.008 0
                                                       0.008 0
                                                                0.008 0
        0.007 0.006 0.008 0
0.006 0
                           0
                                0
                                   0.008 0
                                            0
                                                0
                                                    0.008 0
0.006 0 0
            0.004 0
                     0.006 0.008 0
                                       0
                                          0
                                              0.008 0.004 0.006 0.006 0
                                   0
  0 0.006 0 0
                  0 0
                          0.006 0
                                                        0.008 0
                                    0
                                       0.006 0
                                                0
                                                    0
0.004 0.006 0.004 0
                   0.008 0
                            0
                                0
                                   0.008 0
                                            0
                                                0
                                                    0
                                                        0
                                                           0.006 0
                                                                    0.008
 141 141:000040 215:000062
                          + 0
                                0
                                    0.006 0
                                             0
                                                0
                                                    0
                                                        0
                                                           0
                                                               0.007 0
0.006 0.008 0 0
                 0
                        0
                            0
                                0.008 0.01 0
                                              0
                                                 0
                                                     0.008 0
                                                              0.008 0.008
       0.008 0
                0 0.008 0
                                       0
                                           0
                                               0.008 0
                                                        0.008 0
                                0
                                    0
                                                                0
       0.008 0
                0.008 0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0.008 0
                                                        0
                                                           0
       0
            0.007 0
                     0
                        0 0.007 0.007 0
                                          0
                                              0.007 0.008 0
                                                             0
                                                               0.008 0
0.008 0.008 0.008 0
                       0 0.01 0.008 0.008 0
                  0
                                              0.008 0
                                                       0
                                                          0.008 0
                                  0 800.0
0.008 0.008 0
                  0.008 0.008 0
                                0
                                                       0
              0
                                                0
                                                    0
                                                           0
                                                               0.007 0.008
   0
                             0.008 0 0.008 0 0
                                                     0.007 0
       0
              0
                  0
                         0
                                                               0.007 0
0.007 0.008 0
              0
                  0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                       0.008 0
                     0.008 0
                              0
                                 0
                                                                0
                                                                    0
                                         0.008 0 0
   0
          0
              0
                         0
                             0
                                0.008 0
                                                      0.007 0
   0
       0.008 0.008 0
                     0
                         0
                            0
                                0 0 0 0.008 0
                                                    0.008 0.008 0
                                                                  0 0
0
       0.01 0.008 0
                     0.008 0.008 0
                                   0
                                      0
                                         0.008 0.008 0.007 0.008 0
0.008 0
       0
            0.008 0
                     0.008 0 *0.011 0.008 0 0 0
                                                      0
                                                           0 0.007 0
```

```
0.008 0
           0.008 0.007 0 0 0 0 0
                                        0
                                           0.007 0
                                                   0.007 0
   0.008 0.008 0.008 0.008 0
                        0
                            0
                               0.008 0
                                        0.008 0
                                                0
                                                   0.008 0
                                                           0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                        0
                                           0
                                              0
                                                  0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                        0 0
                                              0
                                                  0
                                                     0
                                                        0.007 0 0
               0.007 0
                       0 0 0.008 0 0
            0
                                         0 0
                                                0.008 0
0.008 0.008 0.007 0
                0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                   0
                                                      0.008 0.007
         0
            0
               0
                   0.008 0 0.008 0
                                   0 0 0.007 0
                                                  0.008 0
0.008 0 0.008 0
                0
                      0.008 0 0.008 0.008 0
                                          0
                                              0.008 0
                                                      0.008 0.008 0
                   0
0.008 0
          0.008 0
                   0
                      0
                         0 0 0
                                   0 800.0
                                              0
                                                  0.006 0
     0.008 0.007 0
                   0
                      0
                         0.007 0 0 0 0 0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
         0.008 0.008 0.008 0
                           0
 142 142:000040 25:0000068
                       + 0
                            0 0 0 0 0 0.006 0
                                                    0.006 0
                             0 0.006 0 *0.037 0 0.006 0
      0.006 0
              0
                 0
                    0
                       0
                           0
0
      0.006 0
              0
                                 0
                                    0 0 0 0
                 0
                     0
                        0
                           0
                              0
         0 0.006 0
                     0.006 0 0.006 0
                                    0
                                        0.006 0
                                                0
                                                  0
                                                      0
0.006 0
       0
          0
              0
                     0
                        0
                           0
                              0
                                 0
                                    0.006 0
                                             0
                                                0
                                                   0
   0
         0 0.006 0
                     0
                        0.006 0 0 0 0
                                         0 0
                                                0.006 0
         0.037 0
                     0
                        0
                           0
                              0
                                 0.037 0 0.006 0
                                                 0.006 0.037 0
                                          0.006 0.006 0
      0.006 0
                                    0 0
             0
                0
                    0
                        0
                           0
                              0 0
0.006 0.006 0 0.037 0
                    0.006 0
                            0.006 0
                                    0.006 0
                                            0
                                                0
                                                      0.006 0
         0 0
               0
                   0
                      0
                         0
                             0
                                0.006 0
                                        0.037 0
                                                       0
                                                0
                                                   0
                                                          0
                                                             0
                                                                0
0.006 0 0 0 0.006 0
                         0
                             0.006 0
                                    0
                                        0
                                           0.006 0
0.006 0.006 0 0 0
                   0
                      0
                         0.037 0
                                 0
                                    0
                                        0
                                           0
                                              0.037 0
                                                      0
                                                          0
                                                                0
      0.006 0
                                          0.037 0
                                                        0.006 0
              0.006 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                                 0 0
              0.006 0
                      0
                         0
                                      0
                                          0
                                                0.006 0
0.006 0 0 0
                             0
                                0
                                   0
                                             0
                                                        0
      0
         0 0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                       0
                                          0
                                             0
                                                0.006 0
0.006 0.006 0 0
                0
                   0
                      0
                         0
                             0.037 0
                                    0.006 0
                                            0
                                                0
                                                  0 0
           0.037 0.037 0
                       0.037 0 0 0.006 0 0
0.006 0
                                              0
                                                 0
0.037 0
           0 0
                0 0
                       0 0
                             0 0
                                    0 0 0 0.006 0
       0
                                                      0
                                                          0
           0 0.006 0 0.006 0
                             0.006 0 0.006 0
                                                        0.037 0.006
                                              0
                                                 0
                                                     0
0 0 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0
                                                      0.006 0
                                                               0
                0.006 0.006 0
                             0
                                    0
                                           0
                                                  0
              0
                                 0
                                        0
                           0.006 0.006 0 0.006 0 0.006 0
        0 0 0 0.006 0
0.006 0
          0
              0
                 0
                    0
                       0
                           0.006
       0
                                     0 0 0.006 *0.035 0.006 0
 143 143:000040 8:0000019
                       + 0
                            0
                               0
                                   0
         0.006 0
                 0
                    0
                       0
                           0
                              0
                                 0
                                    0.006 0 0 0 0.006 0
      0.006 0
              0
                    0
                        0
                           0
                              0
                                  0
                                    0
                                        0
                                          0 0
                                                 0 0 0
            0.006 0 0.006 0
                            0.006 0
                                        0.006 0
         0
                                    0
                                                0
                                                   0
      0.035 0
                      0 0
                             0
                                   0
0.006 0
                0 0
                                0
                                      0.006 0
                                              0
                                                 0
                                                     0
         0
               0.006 0 0 0.006 0
                                   0
                                      0
                                         0 0
                                                0
                                                   0.006 0
   0
             0
                   0
                      0
                         0
                             0
                                0
                                   0
                                       0
                                          0.006 0
                                                 0.006 0 0.035 0
      0.006 0 0 0 0.035 0
                            0
                                0.035 0 0 0 0.006 0.006 0
                                                           0
0.035 0.006 0.006 0
                0
                    0
                       0.006 0
                                0.006 0 0.006 0
                                                0
                                                          0.006 0
   0
      0
         0
            0 0 0 0
                         0
                            0
                                0.035 0.006 0 0 0
                                                   0
                                                      0
                                                          0 0 0
```

```
0.006 0 0 0 0 0.006 0 0 0.006 0 0.035 0
                                               0.006 0
   0.006 0.006 0 0 0
                      0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                            0
                                                0
                                                   0 0
      0.006 0.035 0.006 0 0
                          0 0 0 0
                                       0
                                          0
                                              0
                                                0 0
                                                       0.006 0
                                                0.006 0
0.006 0 0 0 0.006 0 0 0
                            0
                               0 0 0 0
                                            0
                                                       0
                                              0
        0 0.035 0 0
                       0
                          0
                             0
                                0
                                    0
                                       0
                                          0
                                                 0.006 0
0.006 0.006 0 0 0 0 0.035 0
                             0 0 0.006 0 0
                                               0
                                                   0
                                                    0
                                                                0
0.006 0 0 0 0 0
                      0 0
                             0.006 0.035 0
                                          0
                                              0
                                                0.035 0
         0 0 0 0
                         0 0
                                0
                                  0
                                      0.006 0
                                                    0.006 0.006 0
                      0
                                              0
                                                0
      0.006 0
              0.006 0
                      0.006 0
                              0.006 0
                                      0
                                         0
                                           0
                                               0
                                                   0.006 0 0 0
0.006 0 0
          0
              0.006 0
                      0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                            0.006 0
                                                    0.035 0.006 0
   0
         0.006 0.006 0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                      0 0
0
   0
         0.006 0
                 0.006 0.006 0.035 0.006 0 0.006 0 0
                                                      0.006 0 0
      0
         0.035 0
                 0.006
                                         0
 144 144:000041 34:0000095 + 0
                            0
                                0
                                   0 0
                                            0.008 0.006 0.008 0
0.006 0 0
         0 0.008 0 0 0
                            0.007 0.006 0
                                         0
                                           0.004 0 0.006 0 0.008
      0.007 0
              0
                 0.008 *0.013 0 0
                                 0
                                    0
                                       0 0.006 0.006 0
                             0.004 0.006 0.008 0 0.008 0.006 0
      0
         0.006 0
                 0
                    0 0 0
   0.006 0
           0
             0
                 0
                    0.008 0
                            0.006 0
                                    0
                                        0
                                           0 0.013 0 0 0
0.006 0 0
                                        0.008 0
                                                0.01 0.008 0
           0
              0
                 0
                    0
                       0
                          0
                              0
                                 0
                                    0
         0.008 0
                 0
                    0
                       0
                           0
                              0
                                 0
                                    0.006 0 0
                                                0.006 0
0.006 0
       0.004 0 0.008 0.006 0.006 0
                                 0
                                    0
                                       0.004 0.006 0
                                                   0 0.006 0
0.006 0 0
          0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.006 0.008 0
                   0.006 0.007 0.006 0 0 0 0.006 0
                                                  0.004 0
                                                         0.007 0
   0.004 0
              0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008
           0
                0.006 0 0 0 0 0
                                      0.006 0 0.006 0 0
0.008 0.006 0.008 0
                0 0
                      0
                          0
                             0
                                 0
                                   0.006 0
                                           0 0 0.008 0.006 0.008
0 0.013 0
                   0 0 0
                                   0
                                            0.008 0
           0.008 0
                            0
                               0
                                      0
                                         0
                                                   0
                                                           0.006 0
0 0.006 0
           0.006 0 0
                     0 0
                            0
                               0
                                   0
                                      0
                                         0
                                            0
                                                0.008 0
                                                        0
                                                           0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                          0.004 0
                                                  0
                                                    0
                                                        0.01 0
0.007 0 0 0.008 0.006 0 0.006 0.006 0 0.006 0
                                           0 0.008 0.006 0
                                                            0.006
0.006 0.006 0 0 0.006 0.006 0 0
                              0
                                  0
                                     0
                                         0
                                            0
                                                   0
0.008 0
       0 0 0.008 0.004 0 0 0 0.004 0
                                         0.008 0 0.008 0
                                                         0.008 0
0.006 0
      0.007 0.006 0.008 0 0 0
                              0.008 0 0
                                          0
                                              0.008 0
                                                     0
0.006 0 0
          0.004 0
                  0.006 0.008 0
                                  0 0 0.008 0.004 0.006 0.006 0
                               0
                                              0
0 0 0.006 0 0 0
                      0.006 0
                                0 0.006 0
                                          0
                                                0.008 0
0.004 0.006 0.004 0
                0.008 0 0
                           0
                               0.008 0 0
                                          0 0
                                                 0 0.006 0 0.008
 145 145:000041 34:0000095
                                         0 0.008 0.006 0.008 0
                       + 0
                            0
                                0
                                   0 0
                            0.007 0.006 0
                                         0
0.006 0 0
              0.008 0 0 0
                                           0.004 0
                                                    0.006 0
                                                            0.008
      0.007 0
                 0.008 *0.013 0
                             0
                                 0
                                        0 0.006 0.006 0
              0
                                    0
                                                       0
         0.006 0
                       0
                           0
                              0.004 0.006 0.008 0
                                               0.008 0.006 0
   0.006 0
           0
             0
                 0
                    0.008 0 0.006 0
                                    0
                                        0
                                           0 0.013 0 0 0
                                                            0.008
0.006 0
       0
           0
              0
                 0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0.008 0
                                                0.01 0.008 0
   0 0.008 0
                 0
                    0
                       0
                           0
                              0
                                 0
                                    0.006 0 0
                                                0.006 0 0
```

```
0.004 0
                 0.008 0.006 0.006 0 0
                                            0.004 0.006 0 0
0.006 0
        0
            0
                0.008 0
            0.004 0
                     0
                         0.007 0
                                 0.008 0 0.01 0.007 0
       0.006 0.008 0
                     0.006 0.007 0.006 0 0
                                            0 0.006 0
                                                         0.004 0
                                                                  0.007 0
                0.008 0
                                             0.006 0
   0.004 0
                         0.006 0
                                 0.008 0
                                          0
                                                      0
                                                           0.008 0.008
                                   0 0 0.006 0 0.006 0 0
0.006 0 0
            0
                0
                   0.006 0 0 0
0.008 0.006 0.008 0
                   0
                       0
                         0
                              0
                                 0
                                     0
                                        0.006 0
                                                  0
                                                     0
                                                        0.008 0.006 0.008
   0.013 0
            0.800.0
                        0
                                0
                                       0
                                           0
                                              0
                                                  0.008 0
                                                                  0.006 0
                     0
                            0
                                    0
                                                           0
                                              0
                                                      0.008 0
   0.006 0
            0.006 0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
0.006 0
                                               0.004 0
                                                        0
                                                            0
                                                               0.01 0
           0.008 0.006 0
                         0.006 0.006 0
                                        0.006 0
                                                 0
                                                     0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0
                                         0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                    0
                                                                0
0.008 0
                0.008 0.004 0
                                 0
            0
                              0
                                     0.004 0
                                              0.008 0
                                                       0.008 0
                                                                0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                   0.008 0 0
                                               0
                                                   0.008 0
0.006 0
            0.004 0
                     0.006 0.008 0
                                              0.008 0.004 0.006 0.006 0
                                   0
                                       0
                                         0
       0.006 0
                0
                  0 0
                          0.006 0
                                       0.006 0
                                                0
                                                       0.008 0
                                                                0.004
                                    0
                                                    0
0.004 0.006 0.004 0
                   0.008 0
                                   0.008 0
                                            0
                                                0
                                                    0
                                                       0
                                                           0.006 0
                            0
                                0
                                                                    0.008
 146 146:000042 19:0000051
                          + 0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0.007 0
                                                           0.007 0
       0.007 0
               0
                   0
                      *0.063 0
                                0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0.007 0
                                                                   0.063
       0.007 0
                0
                   0
                       0
                          0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                    0
                                                        0
                                                           0
                     0.007 0
                              0.007 0
                                       0
                                           0.007 0
   0
          0
              0
                 0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                  0
                0
                       0
                          0
                              0
                                  0
                                     0
                                        0.007 0
                                                      0
                                                  0
                                                         0
              0.007 0
          0
                       0
                         0.007 0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                      0.007 0
                                                               0
                                                                  0
       0
                                                  0.007 0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                    0
                                       0.007 0.007 0
                                                         0 0.007 0.007
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                0
                                                      0
                                         0.063 0
        0
            0.007 0
                     0.007 0
                              0
                                 0
                                     0
                                                  0.007 0
                                                           0
                                                              0.063 0
          0
              0
                  0
                     0
                         0.007 0
                                  0
                                     0.063 0
                                              0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                0
                  0 0.007 0
                                   0
                                                              0.007 0.007
                0
                                0
                                       0.007 0
                                                0
                                                    0
                                                       0
                                                           0
                     0
                         0
                                    0
                                       0
       0
          0
              0
                 0
                             0
                                0
                                           0
                                              0
                                                  0
                                                      0
                                                             0
        0.007 0
                 0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                      0.007 0
                                                               0.007 0
   0.007 0
            0
                0
                  0 0
                         0
                              0
                                  0 0
                                        0.007 0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                 0
                                                                    0
                                0
                                       0.007 0
                  0
                     0
                         0
                             0
                                    0
                                                0
                                                    0
                                                        0
                                                           0.007 0.007 0
0
                       0
                              0
                                  0
                                     0
                                         0
                                             0
                                                0.063 0
                                                         0
                                                             0.007 0
   0.063 0
            0
                0
                   0
                         0
0
                     0.007 0
                                             0
                 0
                              0
                                  0
                                     0
                                         0
                                                0
                                                    0
                                                        0
                                                           0
                     0
                            0.007 0
                                     0
                                             0.007 0
                                                      0
                                                         0
                                                             0
          0
              0
                  0
                         0
                                         0
        0.007 0
                 0.007 0
                          0
                              0
                                 0.063 0
                                           0.007 0
                                                       0
                                                           0.007 0
                                                    0
0.007 0
        0
            0
                0
                   0
                       0
                          0
                              0
                                  0
                                     0
                                        0
                                             0.007 0
                                                      0
                                                         0
                                                             0
                                                                 0.007 0
          0
              0
                  0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0.007 0
                                  0.007 0
                                              0
       0
          0
              0
                 0.007 0
                           0
                              0
                                           0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                 0.007
 147 147:000042 25:0000068
                                0
                                    0
                                       0
                                              0
                                                  0.006 0
                                                           0.006 0
                          + 0
                                           0
                                                                        0
       0.006 0
                0
                   0
                       0
                           0
                              0
                                  0
                                     0.006 0
                                              *0.037 0
                                                        0.006 0
   0
       0.006 0
                0
                       0
                           0
                                  0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                              0
                                                                  0
0
                   0
                              0
          0
              0.006 0
                       0.006 0
                                0.006 0
                                         0
                                             0.006 0
                                                     0
                                                         0
                                                             0
0.006 0 0
           0
                0
                  0
                       0
                          0
                              0
                                  0
                                     0
                                         0.006 0 0
                                                      0
                                                         0
                                                             0
                                                                 0
```

```
0.006 0 0 0 0 0
           0.006 0
                 0
                                           0.006 0
        0.037 0
               0
                  0
                     0
                        0
                          0 0.037 0 0.006 0 0.006 0.037 0
     0.006 0 0 0
                  0
                     0
                        0
                          0 0
                                0 0 0.006 0.006 0
                  0.006 0
                         0.006 0 0.006 0 0
0.006 0.006 0 0.037 0
                                             0
                                                0.006 0
                            0.006 0
             0
                 0
                    0
                       0
                         0
                                   0.037 0
0.006 0 0 0 0.006 0
                         0.006 0
                      0
                                0
                                   0
                                      0.006 0
                                                0
                                             0
                                                   0
0.006 0.006 0 0
             0
                 0
                   0
                       0.037 0
                              0
                                0
                                   0
                                      0
                                         0.037 0
0 0 0.006 0 0.006 0
                                     0.037 0
                                           0 0
                                                  0.006 0
                    0
                       0
                         0
                               0 0
                            0
0.006 0 0 0
            0.006 0
                    0
                       0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0.006 0
0 0 0
        0 0
             0
                0
                    0
                       0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0.006 0
0.006 0.006 0 0
              0 0
                    0
                      0
                         0.037 0 0.006 0 0
                                          0
     0 0.037 0.037 0 0.037 0 0 0.006 0 0 0 0
                                                 0 0
0.037 0
               0 0 0 0 0 0 0 0 0 0.006 0
         0 0
0.006\ 0 \quad 0 \quad 0 \quad 0.006\ 0 \quad 0.006\ 0 \quad 0.006\ 0 \quad 0 \quad 0 \quad 0 \quad 0.037\ 0.006
0.006 0 0 0 0 0.006 0.006 0 0 0 0 0 0
                                           0 0
 0 0 0 0 0 0.006 0
                       0.006 0.006 0 0.006 0 0.006 0
0.006 0 0
         0
            0
               0
                  0
                    0
                       0.006
 148 148:000043 40:0000107
                                        0.006 0 0.006 0
                     +000000
     0.006 0
            0 0
                  0
                    0
                        0 0.006 0
                                     0
                                        0
                                           0.006 0
  0.006 0
                  0
                        *0.045 0
                                        0
                                           0
            0
               0
                    0
                               0 0 0
                                              0
                                                       0
         0
                                                 0
     0 0.006 0
                  0.006 0 0.006 0 0 0.006 0
                                           0
                                             0
0.006\ 0 0 0 0 0 0 0 0 0 0.006 0 0
                                           0
                                              0
                                                 0
        0 0.006 0 0 0.006 0 0 0
                                     0 0
                                           0.006 0
                                                  0
           0 0 0.045 0 0 0 0 0 0.006 0
                                           0.006 0
             0 0 0 0 0 0 0 0 0.006 0.006 0 0 0.006
  0.006 0.045 0
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0
                                      0 0
                                            0.006 0
                   0
                       0.006 0 0 0 0 0
                                         0 0 0 0
             0
                 0
        0.006 0 0 0.006 0
                         0
                               0.006 0
                                     0
                                         0.045 0 0
     0
                            0
                                                  0.006
0.006 0.045 0 0 0 0
                                           0 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0 0
0.006 0 0.006 0 0 0 0
                         0 0
                               0
                                  0
                                     0 0
                                          0.006 0 0.006 0
                                0.006 0
                                                0
  0.006 0
         0 0
               0 0
                    0
                       0
                          0 0
                                       0
                                           0
                                              0
  0 0 0 0 0 0 0 0 0
                               0
                                  0.006 0 0 0 0.006 0.006
                                           0 0 0 0.006
  0.045 0 0 0 0 0 0.006 0
                               0
                                  0
                                     0 0
0.045 0 0 0
            0 0 0
                        0.006 0
                               0
                                  0
                                     0.045 0
                                           0
                                               0
                    0
                                                 0
  0 0 0 0 0 0 0 0 0
                               0.006 0
                                     0 0
                                           0.006 0.006 0 0
0 0.006 0 0.006 0 0.006 0 0.006 0
                               0.045 0 0 0
                                           0.006 0 0 0
0.006 0 0
         0
            0.006 0
                    0
                      0
                         0
                            0
                               0
                                  0
                                     0 0.006 0 0 0.006 0 0
  0 0.006 0.006 0 0
                   0 0
                         0 0
                               0
                                  0
                                     0 0 0 0.045 0 0
0.045 0 0
         0
            0.006 0
                   0.006 0.006 0
                               0.006 0 0.006 0
                                            0 0
  0 0 0 0 0 0.006
 149 149:000043 34:0000095 + 0
                         0
                            0
                               0 0 0
                                        0.008 0.006 0.008 0
            0.008 0 0 0
                         0.007 0.006 0
                                    0
                                       0.004 0 0.006 0 0.008
0 0 0.007 0 0 0.008 *0.013 0 0 0 0 0.006 0.006 0 0 0
```

```
0.006 0
                  0
                      0 0
                             0
                                0.004 0.006 0.008 0
                                                   0.008 0.006 0
   0.006 0
           0
              0
                  0
                      0.800.0
                              0.006 0
                                       0
                                          0
                                              0 0.013 0 0
                                                                0.008
0.006 0
                  0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                           0.008 0
                                                   0.01 0.008 0
                                    0
                                       0.006 0 0
      0
          0.008 0
                  0
                      0
                         0
                             0
                                0
                                                   0.006 0
                                                            0
                0.008 0.006 0.006 0
                                       0
        0.004 0
                                   0
                                          0.004 0.006 0
                                                       0 0.006 0
0.006 0
               0
   0.008 0
            0.004 0
                    0
                       0.007 0
                               0.008 0 0.01 0.007 0
                                                     0
      0.006 0.008 0
                    0.006 0.007 0.006 0 0
                                          0
                                             0.006 0
                                                      0.004 0
                                                              0.007 0
   0.004 0
               0.008 0 0.006 0
                               0.008 0
                                       0 0.006 0 0
                                                        0.008 0.008
0.006 0
       0
           0
               0
                 0.006 0
                           0
                              0
                                  0
                                     0
                                        0.006 0
                                                 0.006 0
                                                         0
0.008 0.006 0.008 0
                      0
                        0
                            0
                               0
                                   0
                                      0.006 0
                                                   0
                                                     0.008 0.006 0.008
   0.013 0
            0.008 0
                    0 0 0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0.008 0
                                                               0.006 0
                                                        0
                                                            0
   0.006 0
           0.006 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                   0.006 0
                                             0.004 0
                                                     0
                                                         0
                                                            0.01 0
           0.008 0.006 0 0.006 0.006 0 0.006 0
                                                  0.008 0.006 0
                                              0
0.006 0.006 0 0 0.006 0.006 0 0
                                0 0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                                 0
0.008 0
          0 0.008 0.004 0 0 0 0.004 0
                                            0.008 0
                                                     0.008 0
                                                             0.008 0
0.006 0 0.007 0.006 0.008 0 0
                              0
                                 0.008 0 0
                                             0
                                                 0.008 0
                                                         0
                    0.006 0.008 0
                                            0.008 0.004 0.006 0.006 0
           0.004 0
                                     0
                                       0
   0 0.006 0 0 0
                        0.006 0
                                  0
                                     0.006 0
                                              0
                                                 0
                                                     0.008 0
                                                             0.004
0.004 0.006 0.004 0
                  0.008 0
                              0
                                  0.008 0
                                              0
                                                     0
                                                        0.006 0
                           0
                                          0
                                                 0
 150 150:000043 215:000062
                        + 0
                               0
                                  0.006 0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0.007 0
                                                           0.008 0.008
0.006 0.008 0 0 0
                    0 0
                           0
                              0.008 0.01 0
                                           0
                                              0
                                                  0.008 0
                                            0.008 0
      0.008 0
               0
                  0 0.008 0
                              0
                                  0
                                     0
                                         0
                                                     0.008 0
      0.008 0
               0.008 0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0.008 0
                                                     0
                                                        0
                                                           0.008
                       0
           0.007 0 0
                           0.007 0.007 0
                                        0
                                            0.007 0.008 0
                                                         0
0.008 0.008 0.008 0
                 0
                     0 0.01 0.008 0.008 0
                                           0.008 0
                                                    0
                                                       0.008 0
                 0.008 0.008 0
                              0 0.008 0
0.008 0.008 0
                                             0 0
                                                     0
                                                           0.007 0.008
                           0.008 0 0.008 0
                                            0 0
                                                   0.007 0
   0
      0
          0
             0
                 0
                    0
                        0
                                                            0.007 0
0.007 0.008 0
                                                     0.008 0
             0
                 0
                    0.008 0
                            0
                                0
                                   0
                                      0
                                          0
                                             0
                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0.008 0 0.008 0 0
                                                  0.007 0
                                                           0
                                                               0.007 0
      0.008 0.008 0
                              0
                                     0
                                        0.008 0
                       0
                           0
                                  0
                                                 0.008 0.008 0
      0.01 0.008 0
                    0.008 0.008 0 0 0
                                       0.008 0.008 0.007 0.008 0
0.008 0 0
           0.008 0
                    0.008 0 *0.011 0.008 0
                                                           0.007 0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
   0.008 0
           0.008 0.007 0
                                              0.007 0
                                                     0.007 0
                        0
                            0
                                0
                                   0
                                          0
                                                               0.008 0
                                      0
   0.008 0.008 0.008 0 0 0
                                0.008 0
                                          0.008 0 0
                                                      0.008 0
                                                               0.007 0
       0.008 0
                0
                    0.007 0.008 0
                                0.008 0
                                          0
                                                 0
                                                    0.006 0.008 0
                                             0
               0
                 0.008 0 0.006 0
                                   0
                                      0
                                          0
                                                 0
                                                     0
                                                        0
                                                            0.007 0 0
                0.007 0 0 0 0.008 0 0 0
      0
          0
             0
                                                   0.008 0
                                                            0
0.008 0.008 0.007 0
                  0.006 0.011 0.008 0.006 0
                                          0.008 0.008 0
                                                           0.008 0.007
          0
             0
                 0
                    0.008 0 0.008 0
                                    0 0
                                            0.007 0
                                                     0.008 0
                                                             0
0.008 0
        0.008 0
                       0.008 0
                               0.008 0.008 0 0
                                                 0.008 0
                                                         0.008 0.008 0
                 0
                    0
0.008 0
        0 0.008 0
                    0
                       0 0 0 0 0
                                        0.800.0
                                                 0
                                                     0.006 0
```

```
0.008 0.007 0 0 0 0.007 0 0 0 0 0 0
   0
           0.008 0.008 0.008 0
                               0
                                   0
 151 151:000043 34:0000095
                                         0
                                                0
                                                    0.008 0.006 0.008 0
                           + 0
                                 0
                                     0
                                             0
0.006 0 0
                0.008 0 0 0
                                 0.007 0.006 0
                                                0
                                                   0.004 0
                                                             0.006 0
           0
       0.007 0
                0
                    0.008 *0.013 0
                                   0
                                       0
                                           0
                                               0 0.006 0.006 0
                                                                 0
           0.006 0
                           0 0
                                   0.004 0.006 0.008 0
                                                       0.008 0.006 0
                    0
                        0
   0.006 0
             0
                0
                        0.008 0
                                 0.006 0
                                          0
                                                  0 0.013 0 0 0
                                                                       0.008
                    0
                                              0
0.006 0
         0
             0
                0
                    0
                        0
                           0
                               0
                                   0
                                       0
                                           0
                                              0.008 0
                                                        0.01 0.008 0
           0.008 0
                        0
                                       0
                    0
                            0
                               0
                                   0
                                           0.006 0 0
                                                        0.006 0
                                                                 0
        0.004 0
                  0.008 0.006 0.006 0
                                       0
                                          0
                                              0.004 0.006 0
                                                                 0.006 0
                                                            0
0.006 0 0
            0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
             0.004 0
                      0
                         0.007 0
                                  0.008 0
                                           0.01 0.007 0
                                                          0
                                                             0
       0.006 0.008 0
                      0.006 0.007 0.006 0
                                          0 0.006 0
                                                          0.004 0
                                                                    0.007 0
   0.004 0
                0.008 0
                         0.006 0
                                  0.008 0
                                           0 0.006 0 0
                                                             0.008 0.008
0.006 0 0
             0
                0
                   0.006 0 0 0 0 0.006 0 0.006 0
                                                               0
                                                                  0
0.008 0.006 0.008 0
                    0
                        0
                           0
                               0
                                   0
                                       0
                                          0.006 0
                                                    0
                                                       0
                                                          0.008 0.006 0.008
                                                    0.008 0
   0.013 0
             0.008 0
                      0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                0
                                                             0
                                                                     0.006 0
   0.006 0
             0.006 0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                        0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                       0.006 0
                                                 0.004 0
                                                          0
                                                              0
                                                                  0.01 0
            0.008 0.006 0
                           0.006 0.006 0
                                         0.006 0
                                                   0
                                                       0.008 0.006 0
                                                                      0.006
0.006 0.006 0 0
                  0.006 0.006 0
                                        0
                                                0
                                                       0
                                                               0
                                 0
                                    0
                                           0
                                                    0
                                                           0
                                                                   0
                                                                       0
            0 0.008 0.004 0
                               0
                                  0 0.004 0
                                                0.008 0
                                                         0.008 0
                                                                   0.008 0
0.006 0
         0.007 0.006 0.008 0
                            0
                                 0
                                     0.008 0 0
                                                  0
                                                      0.008 0
                                                               0
                                                                   0
0.006 0
                      0.006 0.008 0
                                                0.008 0.004 0.006 0.006 0
             0.004 0
                                     0
                                         0
                                           0
   0 0.006 0
                    0 0
                           0.006 0
                                        0.006 0
                                                  0
                                                      0
                                                         0.008 0
                0
                                     0
                                                                   0.004
                                                             0.006 0
0.004 0.006 0.004 0
                    0.008 0
                             0
                                 0
                                     0.008 0
                                              0
                                                  0
                                                      0
                                                         0
 152 152:000044 152:000044
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0
                             0
0
   0
       0
               0
                         0
                              0
                                 0.017 0
                                              0
                                                      0
                                                         0
                                                             0
           0
                  0
                      0
                                          0
                                                  0
0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                        0
                           0
                                   0
                                       0
                                           0
                                              0
0
   0.017 0
             0
                0
                    0
                               0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                     0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
0
   0
                      0
                          0
                              0
                                     0
                                         0
                                             0
                                                 0
                                                        0
                                                            0
                                                                0
       0
           0
               0
                  0
                                 0
                                                    0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                0
                                                    0.017 0
                                                              0
                                                 0
                                                            0
                                                                   *0.392
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                    0
                                                        0
                                                                0
0.017 0
         0
             0
                0
                    0
                        0
                           0
                               0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0.392 0
                                           0
                                              0
                                                  0.017 0
                                                            0
                                                               0
                                                                   0
                                                                       0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                            0
                                                                       0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                   0
                                                                       0
0
   0
       0
           0
               0
                                                                       0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                    0
0
   0
       0
           0
               0
                      0
                          0
                              0
                                     0
                                                        0
                                                            0
                                                                0
                                                                       0
                  0
                                 0
                                         0
                                             0
                                                 0
                                                    0
                                                                    0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0.017 0
                                                      0
                                                          0
                                                              0
0
   0
       0
           0
               0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                       0
                                             0
0
       0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0.017 0
0
   0.017 0
           0
                0
                   0 0 0 0 0 0 0
                                                 0
                                                      0
                                                         0
                                                            0
                                                                 0
                                                                         0
```

```
0 0 0 0 0 0
                            0 0
                                   0.017 0
                                           0
                                               0
                                                  0
0.017 0 0 0 0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
   0.017 0.017 0 0.017 0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
 153 153:000044 168:000049
                         + 0
                               0
                                      0.017 0
                                                  0.004 0.006 0.004 0
                                  0
                                               0
0.006 0 0 0 0.004 0 0 0
                              0 0.006 0 0
                                              0.013 0 0.006 0 0.004 0
   0 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 0 0 0
   0.006 0 0 0 0 0.013 0.006 0.004 0 0.004 0.006 0
                                                          0.004 0
          0
               0 0.004 0 0.006 0 0 0
                                              0
                                                  0
                                                     0 0
                                                            0.004 0.006
   0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0
   0.004 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.006 \ 0 \quad 0.006 \ 0 \quad 0.012 \ 0.006 \ 0
0.004\ 0 0.004\ 0.006\ 0.006\ 0 0 0.013\ 0.006\ 0 0 0.006\ 0 0
   0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
0.017 0.013 0 0 0 0.012 0.004 0 0 0
                                             0 0 0
                                                      0 0 *0.046 0
0.006 0.004 0 0.006 0 0.006 0 0
                                      0.006 0 0.004 0.017 0 0
0.013 \ 0 \quad 0.004 \ 0 \quad 0.006 \ 0 \quad 0.004 \ 0 \quad 0 \quad 0.006 \ 0 \quad 0 \quad 0.004 \ 0.006 \ 0
         0.006 0 0 0.012 0 0 0.006 0
                                           0.006 0
                                                   0 0 0 0 0.004
0.006 0.004 0 0 0.017 0 0 0 0.006 0 0 0 0.004 0.006 0.004 0
      0.004 0 0 0 0 0 0 0 0 0.004 0
                                                    0 0 0.006 0 0
0.006 0 0.006 0 0 0 0 0 0 0 0 0 0 0.004 0 0
0.004 0.004 0 0.006 0 0 0.006 0
                                 0.006 0
                                           0.013 0.012 0.012 0 0 0
      0.004 0.006 0 0.006 0.006 0 0.006 0 0
                                             0.004 0.006 0 0.006 0.006
0.006 0 0 0.006 0.006 0 0 0 0 0
                                           0
                                              0 0 0 0
      0.004 0.013 0 0 0.012 0.013 0 0.004 0
                                              0.004 0 0.004 0
                                                                0.006 0
   0.006 0.004 0
                    0 0.004 0
                                    0 0.004 0 0 0 0 0
                0
                                0
   0.013 0
            0.006 0.004 0 0 0 0 0.004 0.013 0.006 0.006 0 0 0
               0 0.006 0 0 0.006 0
                                           0 0.004 0
                                      0
                                                      0.013 0.013 0.006
0.013 0
        0.004 0
                 0
                    0
                       0.004 0
                                0.012 0
                                        0
                                            0
                                                0.006 0
                                                         0.004
 154 154:000044 17:0000045
                         + 0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
0
   0
      0
          0
             *0.186 0
                       0
                          0
                              0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                      0
                                                          0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                                  0
0
   0
      0
          0
              0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                        0
                                                           0
                                                               0
                                                                  0
                 0
                                                    0
0
   0
          0
                        0
      0
              0
                 0
                    0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
              0
                    0
                        0
                                          0
                                                        0
                                                                  0
          0
                 0
                            0
                               0
                                   0
                                      0
                                             0
                                                 0
                                                    0
                                                           0
                                                               0
          0
                        0
                                          0
0
       0
              0
                 0
                    0
                            0
                               0
                                   0
                                      0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
0
   0.186 0.186 0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
                                                                      0
                     0
                                   0
                                                 0
                                                               0
0
   0
      0
          0
              0
                 0
                        0
                            0
                               0
                                      0
                                          0
                                             0
                                                    0
                                                        0
                                                           0
                                                                  0
                 0
                        0
                               0
                                      0
                                          0
                                             0
                                                    0
                                                           0
                                                                  0
0
   0
       0
          0
              0
                     0
                            0
                                   0
                                                 0
                                                        0
                                                               0
   0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
       0
          0
0.186 0
        0
            0
               0
                   0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                           0
                                                  0
                                                      0
                                                         0
                                                                0
                                               0
                                                            0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                               0.186 0
0
                                                                  0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
       0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
```

```
0 0 0 0 0
                              0 0
                                    0
                                        0
                                           0
0.071 0
       0
          0
             0
                0 0
                      0
                          0
                             0
                                0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                              0
   0
      0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                       0
 155 155:000044 17:0000045
                      + 0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
            *0.186 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                          0
0
      0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                          0
   0
         0
            0
               0
                  0
                                                       0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
0
  0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
0
      0
         0
            0
                                     0
   0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
0
  0
      0
         0
            0
               0
                  0 0
                        0
                           0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
0
   0
                 0
                     0
                                 0
                                    0
                                              0
      0
            0
               0
                        0
                           0
                              0
                                        0
                                           0
                                                 0
                                                    0
                                                      0
0
  0.186 0.186 0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                       0 0
                                                             0
0
      0
         0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0 0
            0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
   0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                    0
             0 0 0 0
0.186 0 0 0
                          0 0 0 0 0
                                        0 0 0
                                                  0
                                                    0 0 0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                       0.186 0
                     0
                                 0
                                        0
                                              0
0
   0
      0
         0
            0
               0
                  0
                        0
                           0
                              0
                                     0
                                           0
                                                 0
                                                    0
                                                       0
                                                          0
0
                     0
                                 0
      0
         0
            0
               0
                  0
                        0
                           0
                              0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
0
  0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
                     0
                                 0
            0
               0
                  0
                        0
                           0
                              0
                                     0
                                        0
                                           0
                                              0
                                                 0
0.071 0 0 0 0 0 0 0
                           0 0 0 0
                                        0 0 0 0 0
                                                        0 0
         0 0
              0 0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                        0
                                             0 0
                                                    0
                                           0
      0
         0 0
              0 0
                           0
                              0
                                 0
                                     0
                                              0 0
                    0
                        0
                                        0
                                           0
                                                   0
 156 156:000044 19:0000051
                                           0.007 0 0.007 0
                     + 0
                           0
                              0
                                 0
                                    0
                                        0
                                                          0 0
      0.007 0 0 0 *0.063 0
                           0 0
                                 0
                                    0
                                              0.007 0
                                       0 0
                                                         0.063
0
      0.007\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
                                                        0
         0 0 0 0.007 0 0.007 0 0 0.007 0 0
                                              0
0.007 0 0 0 0 0
                      0 0
                            0 0 0.007 0 0
                                             0 0 0 0
            0.007 0 0 0.007 0 0 0 0 0
                                              0.007 0
  0
      0
         0
            0
              0
                 0
                    0 0 0 0
                                 0
                                    0
                                       0
                                           0.007 0 0 0
                        0 0 0
                                 0.007 0.007 0
                                             0 0 0.007 0.007
            0
              0
                  0
                     0
0.063 0 0 0.007 0
                  0.007\ 0 \quad 0 \quad 0 \quad 0 \quad 0.063\ 0 \quad 0.007\ 0 \quad 0 \quad 0.063\ 0 \quad 0
                 0
                     0.007 0 0 0.063 0
            0
              0
                                       0 0
                                             0 0 0 0
0.063 0 0 0 0 0.007 0 0
                                 0.007 0 0 0 0 0 0.007 0.007
   0 0 0 0 0
                 0
                     0
                        0
                           0 0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                   0
0.007 0 0.007 0
              0 0
                     0 0
                           0
                             0
                                 0
                                    0
                                       0 0
                                             0.007 0
                                                    0.007 0
   0.007 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0
              0 0 0 0 0
                                 0.007 0
                                        0 0 0 0.007 0.007 0
        0 0
                                         0.063 0 0 0.007 0
         0 0 0 0 0 0 0
                                  0
                                      0
0
         0
            0 0 0.007 0 0
                            0 0 0
                                      0
                                         0 0 0 0 0
               0 0
                    0 0.007 0 0 0 0.007 0 0
                                                   0 0
0.007 \ 0 \quad 0.007 \ 0 \quad 0.007 \ 0 \quad 0 \quad 0 \quad 0.063 \ 0 \quad 0.007 \ 0 \quad 0 \quad 0.007 \ 0 \quad 0
```

```
0 0 0 0 0 0 0
                                             0.007 0
                                                      0
                                                         0
                                                                 0.007 0
                                                             0
                                                                 0.007 0
              0
                  0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                  0.007 0
                          0
                              0
                                  0.007 0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                 0.007
 157 157:000045 35:0000097
                                0
                          + 0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                    0
0
                                0
                                    0.012 0
                                             0
                                                    0
                                                           0
                                                                   0
                                                                      0
                         0
                             0
                                                0
                                                        0
0
       *0.105 0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                0
                    0
                       0
                           0
                               0
0
       0.012 0
                                  0
                                      0
                                             0
                                                    0
                                                           0
                0
                  0
                       0
                          0
                              0
                                        0
                                                0
                                                        0
0
           0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
                  0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                                 0
0
   0
       0
              0.105 0
                       0
                              0
                                      0
                                         0
                                             0
                                                    0
                                                        0.012 0
                                                                    0
                                                                        0
          0
                          0
                                  0
                                                0
                                                                 0
   0
           0
0
       0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                                     0
0.012 0
        0
            0
                0.105 0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
0
   0
          0
              0
                  0
                             0
                                    0
                                           0
                                               0.012 0
                                                        0
                                                           0
                                                              0
                                                                   0
       0
                     0
                         0
                                0
                                       0
                                                                      0
0
   0
       0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                                          0.105 0
          0
              0
                                           0
                                               0
                                                  0
                                                      0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                      0
                                                          0
                                                             0
                                                                     0
                                                  0
                                                                 0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
0
   0
       0
          0
              0
                     0
                         0
                             0
                                    0
                  0
                                0
                                       0
                                           0.012 0.105 0.105 0
0
   0
          0
                         0
                            0
                                0
                                       0
       0
              0
                  0
                     0
                                    0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
                         0
0
       0
          0
              0
                  0
                     0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0.012 0
   0.105 0.012 0
                  0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                 0
                                                                    0
0
                         0
          0
              0
                  0
                     0
                             0
                                0
                                    0
                                       0.012 0
                                                0
                                                    0
                                                        0
                                                           0
                                        0 0
0.012 0 0 0 0 0 0
                         0 0
                                 0 0
                                                0
                                                    0
                                                       0
                                                           0
   0.012 0.012 0
                 0.012 0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                               0.105 0
                                                            0
                                                        0
 158 158:000045 34:0000095
                          + 0
                                0
                                    0
                                       0 0
                                              0 0.008 0.006 0.008 0
                0.008 0 0 0 0.007 0.006 0 0
0.006 0 0 0
                                                 0.004 0 0.006 0 0.008
                   0.008 *0.013 0
       0.007 0
                0
                                 0
                                     0
                                         0
                                             0 0.006 0.006 0
          0.006 0
       0
                       0 0 0
                                  0.004 0.006 0.008 0 0.008 0.006 0
                   0
   0.006 0
            0
                0
                   0
                       0.008 0
                                0.006 0
                                         0
                                             0
                                                0 0.013 0 0
0.006 0
                                            0.008 0
                                                      0.01 0.008 0
        0
            0
                0
                   0
                       0
                          0
                              0
                                  0
                                     0
                                         0
                       0
                                     0
                                         0.006 0 0
                                                      0.006 0
          0.008 0
                   0
                          0
                              0
                                  0
0.006 0
       0.004 0 0.008 0.006 0.006 0
                                     0
                                         0 0.004 0.006 0 0 0.006 0
            0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
            0.004 0
                     0 0.007 0 0.008 0 0.01 0.007 0 0
                                                                0
                     0.006 0.007 0.006 0
                                        0 0.006 0
       0.006 0.008 0
                                                        0.004 0
   0.004 0
            0
                0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008
0.006 0 0
                                           0.006 0 0.006 0
                  0.006 0 0 0
                                   0 0
                                                            0
0.008 0.006 0.008 0
                         0
                                 0
                                     0
                                        0.006 0
                                                     0 0.008 0.006 0.008
                  0
                       0
                              0
                                                 0
   0.013 0
                     0 0 0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0.008 0
            0.008 0
                                                           0
                                                                  0.006 0
   0.006 0
            0.006 0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0.008 0
                                                               0
                                                                   0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                               0.004 0
                                                        0
                                                           0
0.007 0 0
            0.008 0.006 0 0.006 0.006 0 0.006 0
                                                 0
                                                     0.008 0.006 0
                                                                    0.006
0.006 0.006 0 0 0.006 0.006 0 0 0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
0.008 0 0 0 0.008 0.004 0 0 0 0.004 0
                                              0.008 0 0.008 0
                                                                0.008 0
```

```
0.006 0
          0.007 0.006 0.008 0
                                 0
                                    0
                                          0.008 0
                                                    0
                                                        0
                                                             0.008 0
                                                                       0
0.006 0
          0
             0.004 0
                         0.006 0.008 0
                                          0
                                              0
                                                  0
                                                      0.008 0.004 0.006 0.006 0
        0.006 0
                       0
                           0
                               0.006 0
                                          0
                                              0.006 0
                                                         0
                                                             0
                                                                 0.008 0
0.004 0.006 0.004 0
                      0.008 0
                                 0
                                          0.008 0
                                                                     0.006 0
                                     0
                                                    0
                                                        0
                                                             0
                                                                 0
                                                                               0.008
                               + 0.022 0
 159 159:000046 58:0000147
                                            0
                                                0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                      0
                                                                          0
                                  0
                                      0
                                          0
                                              0
                                                           0
                                                               0
                                                                    0
                                                                        0
                 0
                     0
                         0
                             0
                                                   0
                                                       0
0
    0
        0
                 0
                     0
                         0
                                          0.022 0
                                                     0
                                                         0
                                                             0
                                                                 0.022 0
                                                                            0
                                                                                0
            0
                             0
                                  0
                                      0
0
    0.022 0
              0
                   0
                      *0.165 0
                                  0
                                      0
                                          0
                                               0
                                                   0
                                                       0
                                                           0
                                                                0
                                                                    0.022 0
                                                                               0
0
    0
        0
            0
                 0
                     0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                    0
                                                                        0
                                                                            0
                                                                                0
0
        0
            0
                 0
                     0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                    0.022 0
                                                                              0
                           0
                                   0
                                        0.022 0
                                                       0
                                                                                0
0
    0.165 0
              0
                   0
                       0
                               0
                                                  0
                                                           0
                                                               0
                                                                    0
                                                                        0
                                                                            0
                                                                                    0
0
        0
                 0
                     0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                    0
                                                                        0
                                                                            0
                                                                                 0
0
    0
        0
                     0
                         0
                             0.165 0
                                        0
                                            0
                                                0
                                                     0
                                                         0.022 0
                                                                   0
                                                                        0
                                                                            0
                                                                                0
                                                                                    0
            0
                 0
0
    0
        0
                 0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
                                                                    0
                                                                        0
                                                                            0.022 0
0.022 0
          0
              0
                   0
                       0
                           0
                              0
                                   0
                                        0
                                            0
                                                0
                                                     0
                                                         0
                                                             0
                                                                0.022 0
                                                                            0
                                                                                0
0
    0
        0
            0
                 0
                     0.022 0
                               0.022 0
                                          0
                                              0
                                                  0
                                                       0
                                                           0
                                                               0
                                                                   0.022 0
0
    0
        0
            0
                 0
                     0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                    0
                                                                        0
0
                                                                     0.022 0
    0
        0
            0
                 0
                     0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0.022 0
                                                                 0
0
    0
                                                               0
                                                                    0
                                                                        0.022 0
        0
            0
                 0
                     0
                         0
                              0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
0
    0
        0
            0
                 0
                     0.022 0
                               0
                                   0
                                        0
                                            0
                                               0
                                                    0
                                                        0
                                                             0
                                                                 0
                                                                      0
                                                                         0
                                                                              0.022 0
0
    0
        0
            0
                 0
                         0
                                              0.022 0
                                                             0
                                                                 0
                                                                      0
                                                                              0
                     0
                             0
                                  0
                                      0
                                          0
                                                         0
                                                                          0
                                                                                  0
0
    0
        0
            0
                 0
                     0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                    0
                                                                        0.022 0
0
    0
        0
            0
                 0
                     0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                    0
                                                                        0
                                                                            0
                                                                                0
0
    0
        0
            0
                     0
                         0
                             0
                                      0
                                              0
                                                       0
                                                               0
                                                                        0
                                                                            0.022 0
                 0
                                  0
                                          0
                                                   0
                                                           0
                                                                    0
0
    0
            0
                     0
                         0
                             0
                                  0.022 0
                                                             0
                                                                     0
        0
                 0
                                            0
                                                0
                                                     0
                                                         0
                                                                 0
                                                                          0
 160 160:000046 95:0000278
                               + 0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0.01 0
                                                                     0.01 0
                                                                                   0
        0.01 0
                  0
                      0
                          0
                               0
                                   0
                                       0
                                            0
                                                0
                                                    0
                                                        0
                                                            0.01 0
0.01 0
         0
              0
                  0
                      0
                          0
                               0
                                   0
                                       0
                                                0
                                                        0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                                  0
                                           0
                                                    0
0
        0
            0
                 0.01 0
                          0.01 0
                                    0
                                        0.01 0
                                                  0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                        0.01
                                                                                  0
                 0
                                  0.01 0
                                                        0
                                                                         0
0
        0
                     0
                         0
                             0
                                           0
                                                0
                                                    0
                                                             0
                                                                 0
                                                                     0
                                                                                  0
             *0.24 0.01 0
                                          0
                                                                                  0
    0.01 0
                              0
                                  0
                                      0
                                               0
                                                   0.01 0
                                                             0
                                                                 0
                                                                      0
0
    0
        0
            0
                 0
                     0
                         0
                             0
                                  0
                                      0
                                          0
                                              0.01 0
                                                        0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
                                  0.01 0.01 0
                                                         0.01 0.01 0
0
                     0
                         0
                              0
                                                 0
                                                    0
                                                                                  0.01
    0.01 0
                  0
                      0
                          0
                              0
                                   0.01 0
                                            0.24 0
                                                       0
                                                           0
                                                               0
                                                                        0
                                                                                0
0
              0
                                                                    0
        0.01 0
                                           0
0
    0
                      0
                          0
                              0
                                   0
                                       0
                                               0
                                                    0
                                                        0
                                                             0
                                                                 0
                                                                                  0
0.01 0
          0
              0
                  0.01 0
                           0
                                0
                                   0
                                        0
                                           0.01 0.01 0
                                                            0
                                                                 0
                                                                     0
                                                                         0
                                                                                  0
                                          0
                                                   0.01 0
0
        0
                         0
                             0
                                  0
                                      0
                                              0
                                                             0.01 0
                         0.01 0
                                   0.01 0
                                                 0
                                                     0.01 0
0
    0
        0
                 0
                     0
                                            0
                                                               0
                                                                    0
0
                          0
                              0
                                               0
                                                    0
                                                        0
                                                                 0
    0
        0
            0.01 0
                      0
                                   0
                                       0
                                           0
                                                             0
0
    0
        0
                              0
                                   0.01 0.01 0
                                                       0
                                                               0
                                                                        0
                                                                            0
                                                                                0
            0.01 0
                      0
                          0
                                                  0
                                                           0
                                                                    0
0
    0
        0
                         0
                             0
                                  0.01 0
                                            0
                                                0
                                                    0
                                                        0
                                                             0
                                                                 0
                                                                     0
                                                                         0.01 0
0
    0
        0
                 0
                         0
                             0
                                  0
                                      0
                                          0
                                              0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                    0
                                                                        0
                                                                            0
                                                                                0.01
            0
                     0
0
        0
            0.01 0
                      0
                          0
                              0
                                   0
                                       0
                                           0.01 0
                                                     0.01
                                                           0
                                                               0.01 0
                                                                         0
                                                                                 0
0
    0.01 0
              0
                  0
                      0.01 0 0 0 0.01 0
                                                  0
                                                       0
                                                           0
                                                               0
                                                                    0
                                                                        0
                                                                            0
                                                                                0
```

```
0.01 0 0 0 0.01 0 0 0 0 0 0 0
                                                 0.01 0 0 0 0 0 0
                      0
                                    0
                                            0
                                                                                                       0.01 0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                         0.01
                                            0
                                                   0.01
  161 161:000047 19:0000051
                                                    + 0 0
                                                                         0 0
                                                                                        0 0
                                                                                                       0.007 0
                                                                                                                       0.007 0
              0.007 0 0
                                      0 *0.063 0 0 0 0 0
                                                                                                        0
                                                                                                               0.007 0
                                                                                                                                         0.063
              0.007 0
                                      0 0
                                                     0 0 0 0 0 0 0
                      0 0 0 0.007 0 0.007 0 0 0.007 0 0
                                                                                                                         0
                0
                       0
                                0 0 0
                                                     0 0
                                                                    0 0 0.007 0 0
                                                                                                              0
                                                                                                                      0
                                                                                                                             0
                                                                                                                                     0
                             0.007 0 0 0.007 0 0
                                                                                0
                                                                                        0 0
                                                                                                       0 0.007 0
                             0
                                    0
                                                  0
                                                           0 0
                                                                         0
                                                                                 0
                                                                                        0
                                                                                               0
                                                                                                       0.007 0 0
                                            0
                                                                                 0.007 0.007 0
                                                   0
                                                           0 0 0
                                                                                                             0 0 0.007 0.007
                      0
                             0
                                    0
                                            0
0.063 0 0 0.007 0
                                            0.007 0 0 0 0.063 0 0.007 0 0
                                                                                                                               0.063 0 0
                    0
                             0
                                   0
                                         0
                                                  0.007 0 0 0.063 0
                                                                                              0 0
                                                                                                              0 0
                                                                                                                            0
0.063 0 0 0 0 0.007 0
                                                                 0 0
                                                                                 0.007 0 0 0 0 0
                                                                                                                               0.007 0.007
       0 0
                   0 0 0
                                            0
                                                   0
                                                           0
                                                                  0
                                                                         0
                                                                                 0
                                                                                        0
                                                                                                0
                                                                                                       0
                                                                                                              0
                                                                                                                      0
                                                                                                                            0
                                                                                                                                     0
0.007 0 0.007 0
                                  0 0
                                                  0
                                                          0
                                                                  0
                                                                         0
                                                                                 0
                                                                                        0
                                                                                               0 0
                                                                                                              0.007 0
                                                                                                                                0.007 0
       0.007 \ 0 \quad 0.007 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0
                                                                               0.007 0
                                                                                                 0 0 0 0.007 0.007 0
                    0 0 0 0 0 0 0
       0.063 0 0 0 0 0 0 0 0
                                                                                   0 0
                                                                                                 0.063 0 0
                                                                                                                            0.007 0 0
                             0 0 0.007 0 0 0
                                                                                  0
                                                                                            0
                                                                                                   0 0 0 0 0
                                   0 0
                                                  0 0.007 0 0 0 0.007 0
                                                                                                              0
                                                                                                                             0
                                                                                                                                    0 0
                             0
                                                                                                                      0
0.007 0 0.007 0 0.007 0 0 0 0.063 0 0.007 0 0
                                                                                                                0
                                                                                                                         0.007 0
0.007 0 0 0 0 0 0 0 0 0 0 0 0.007 0
                                                                                                              0
                                                                                                                      0
                                                                                                                             0
                                                                                                                                     0.007 0
                     0 0
                                   0 0 0 0 0 0 0
                                                                                                0
                                                                                                                             0
                                                                                                                                     0.007 0
                                                                                                       0
                                                                                                               0
                                                                                                                      0
                             0 0.007 0 0 0 0.007 0 0
                                                                                               0 0
                                                                                                              0
                                                                                                                      0
                                                                                                                             0
                                                                                                                                     0.007
                                                    + 0.012 0 0 0 0 0
  162 162:000047 112:000033
                                                                                                                0 0
                                                                                                                              0
                                                                               0 0
                                                                                              0
                                                                                                       0
                                                                                                              0
                                            0
                                                   0
                                                           0
                                                                  0
                                                                       0
                                                                                                                      0
0
                             0
                                                   0
                                                           0
                                                                0 0.012 0 0 0
                                                                                                           0
                                                                                                               0.012 0
              0
                                            0
       0.012 0
                       0
                                0
                                      0
                                               0
                                                     0
                                                              0
                                                                   0 0 0
                                                                                            0
                                                                                                 0
                                                                                                           0
                                                                                                                0.012 0
                                    0
                                                   0
                                                                  0
                                                                                 0
                                                                                                              0
              0
                      0
                             0
                                            0
                                                           0
                                                                         0
                                                                                        0
                                                                                                0
                                                                                                       0
                                                                                                                      0
                                                                                                               0.012 0
                                            0
                                                   0
                                                           0
                                                                  0
                                                                          0
                                                                                         0
*0.361 0
                    0
                           0
                                   0
                                          0
                                                 0
                                                         0
                                                                0
                                                                        0.012 0
                                                                                          0
                                                                                                 0
                                                                                                        0
                                                                                                                0
                                                                                                                       0
                                                                                                                               0
                                                                                                                                     0
                                                                                                                                            0
       0
                      0
                             0
                                     0
                                            0
                                                   0
                                                           0
                                                                  0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                               0
                                                                                                                      0
                                                   0
                                                                         0
                                                                                 0.361 0
                                                                                                           0.012 0
0
       0
              0
                      0
                             0
                                     0
                                            0
                                                           0
                                                                  0
                                                                                                   0
                                                                                                                             0
                                                                                                                                     0
                                                                                                                                            0 0
                      0
                                            0
                                                   0
                                                                                                                                     0
       0
                             0
                                     0
                                                           0
                                                                  0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                0
                                                                                                       0
                                                                                                               0
                                                                                                                      0
                                                                                                                             0
0.012 0 0.012 0
                                    0
                                            0
                                                   0
                                                          0
                                                                  0
                                                                         0
                                                                                 0
                                                                                        0
                                                                                                0
                                                                                                       0
                                                                                                              0
                                                                                                                      0
                                                                                                                             0
                                                                                                                                     0.012 0
                                     0
                                            0
                                                   0
                                                           0.012 0 0.012 0
                                                                                                                                            0.012
       0
              0
                      0
                             0
                                                                                                0
                                                                                                       0
                                                                                                              0
                                                                                                                      0
                                                                                                                             0
                                    0
                                            0
                                                  0
                                                                                 0
                                                                                                0
                                                                                                       0
                                                                                                              0
                                                                                                                             0
                                                                                                                                            0
0
       0
              0
                      0
                             0
                                                           0
                                                                  0
                                                                         0
                                                                                        0
                                                                                                                      0
                             0
                                    0
                                            0
                                                   0
                                                           0
                                                                  0
                                                                         0
                                                                               0
                                                                                        0
                                                                                                0
                                                                                                       0
                                                                                                              0
                                                                                                                      0.012 0
0.012 0 0
                      0
                                0
                                              0
                                                     0
                                                              0
                                                                    0 0 0 0 0 0
                                                                                                                         0 0
                                      0
                                                              0
                                                                    0.012 0 0
                                0
                                        0
                                               0
                                                     0
                                                                                              0 0
                                                                                                             0
                                                                                                                      0
                                                                                                                            0
0
              0.012 0
                                0 0 0
                                                    0 0 0 0 0 0 0 0 0.012 0
                                                                                                                                            0
                      0 0 0 0 0 0 0 0 0 0 0
       0.012 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \;
```

```
0 0 0 0 0 0 0 0 0 0 0
                                              0
      0.012 0 0 0 0 0 0 0 0 0.012 0
                                              0
                                                 0
                                                    0 0
                                                          0 0
 163 163:000047 6:0000017
                      + 0
                           0
                              0
                                 0
                                    0 *0.109 0 0 0 0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                             0
                                                 0
                                                    0
                                                       0.109 0
                        0
                           0
                               0
                                 0
                                     0
                                        0
                                           0
                                                    0.083 0
0.109 0
       0
             0
               0 0
                     0 0
                            0 0
                                        0 0 0 0
          0
                                 0 0
      0
         0
            0
               0.029 0
                      0
                          0
                             0
                                0
                                  0
                                      0
                                        0
                                            0
                                               0
                                                  0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
0
   0
      0
         0
            0
                  0
                     0
                        0
                           0
                               0
                                  0
                                     0
                                        0
                                           0.038 0
               0
                                                   0
                                                         0
0
  0
         0
                                        0
      0
            0
               0
                  0
                     0
                        0
                           0
                               0
                                  0
                                     0
                                           0
                                              0
                                                 0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                               0
                                  0.109 0
                                        0
                                            0
                                               0
0
   0
      0
         0
            0
               0
                  0.109 0
                          0
                            0
                                0
                                  0
                                      0.029 0
                                              0
                                                    0
                                                          0
                                                 0
                                                       0
         0
0
   0
      0
            0
               0
                  0
                     0
                                 0
                        0
                           0
                              0
                                     0
                                           0
                                              0
                                                 0
                                                       0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                       0
0
   0
         0
                     0
                                 0
      0
            0
               0
                  0
                        0
                           0
                              0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0.109 0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                    0
0
   0
         0
                     0
                                 0
                                        0
                                              0
      0
            0
               0
                  0
                        0
                           0
                              0
                                     0
                                           0
                                                 0
                                                    0
                                                       0
                                                          0
   0
      0
            0
               0
                  0
                     0
                        0
                           0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
0.109 0
             0
                0
                   0
                      0
                          0
                             0
                                0
                                  0
                                      0
                                        0
                                            0
                                               0
                                                  0
       0
          0
                                                     0
   0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                               0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
               0.029 0
                          0
                             0
                                0
                                  0
                                      0
                                            0
                                                  0
                                                     0.029 0
                      0
                                        0
                                               0
 164 164:000048 14:0000032
                      + 0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
  *0.037 0
          0 0
                 0
                          0.037 0
                                     0
                                        0 0.008 0 0
                                                      0.008 0
0
                   0
                       0
                                  0
  0.008 0
             0
                0.008 0
                        0
                           0
                              0
                                 0
                                     0.008 0
                                            0.008 0
0
   0.008 0
          0.008 0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0 0 0 0 0.008 0 0
0
         0
            0 0
                  0
                     0
                        0
                           0
                               0
                                 0
                                     0
                                        0.008 0 0.037 0.037 0.008 0
         0.008 0.008 0
                     0.008 0
                            0
                                0.008 0
                                       0 0.008 0.037 0
0
                                                      0 0.037
0.008 0 0
                                     0.008 0 0 0 0
         0
             0.008 0
                     0
                        0
                           0
                              0
                                 0
0
   0.008 0
         0.008 0
                  0
                     0
                        0
                           0 0
                                 0
                                    0
                                       0 0 0 0 0 0.008 0
            0
0
              0
                  0
                     0.008 0 0 0 0 0 0 0 0
   0.037 0
          0.800.0
                  0
                     0 0 0 0 0 0 0 0.008 0.008 0
0
         0.008 0 0.008 0.008 0 0
                                  0
                                      0
                                        0 0.008 0
0
0
   0.008 0.008 0 0
                  0
                     0 0.008 0 0 0.008 0 0 0 0 0 0
                     0.008 0 0.008 0 0 0
0
               0 0
                                             0 0
                                                    0
      0.008 0 0 0 0.008 0 0.008 0
                                  0
                                      0 0 0 0.008 0
0
         0 0 0.008 0 0 0 0.037 0 0.037 0
                                            0
                                              0
         0 00.008 0
                           0
                              0
                                 0
                                    0
                                        0
                                              0 0
                                                    0
                                                       0
                                                          0 0
   0.037 0
                                           0
            0
              0
                  0
                     0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0.037 0
                                                  0
0.008 0 0 0 0.008 0 0
                           0.008 0.037 0
                                       0
                                          0.037 0
                                                  0
                                                     0
                                                         0 0
        0 0.008 0 0 0 0 0.008 0
                                        0
                                          0
                                              0.008 0
                                                      0.008 0
  0.008 0 0.008 0.008 0 0 0.008 0 0.008 0 0
```

```
0.008 \ 0 \quad 0.008 \ 0 \quad 0 \quad 0
            0
              0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008
 165 165:000048 65:0000165 + 0.023 0 0.006 0
                                       0 0 0 0 0
0.022 0.006 0
           0
              0
                  0 0 0 0 0
                                 0
                                   0 0.013 0
                                              0 0
               0 0.012 0 0 0 0 0 0.023 0 0.013 0 0
            0.023 0 0 0 0.022 0 0 0 0
                                             0 *0.035 0
         0
         0 0 0 0 0
                            0 0
                                  0 0
                                        0 0 0.021 0 0
        0 0
              0 0 0 0
                          0 0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                0
0.023 0 0.012 0
               0.012 0.022 0
                           0
                              0
                                 0
                                    0
                                       0
                                         0
                                             0.023 0 0 0 0
                                    0.013 0 0
         0
            0
               0
                  0
                     0
                        0
                          0
                              0
                                 0
                                               0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0 0.022 0 0 0.012 0
                      0 0 0 0 0 0 0 0 0
0.023 0 0 0 0 0 0
         0 0 0.023 0
                      0.023 0 0 0 0 0 0 0 0
     0.023 0 0
               0
                   0
                      0
                         0 0 0 0 0.023 0.032 0.023 0
     0 0.023 0
               0
                   0
                      0.013 0 0 0 0 0
                                             0
                                                0
0.021 0 0 0 0
                0
                  0
                      0 0 0 0 0 0 0 0 0 0
0.021 0.023 0 0 0.023 0
                      0
                         0
                            0 0
                                  0.006 0 0
                                             0
0 0 0.006 0 0 0 0.023 0 0.021 0 0
                                              0.023 0
                                     0 0
                                            0
   0.021 0 0 0 0 0 0.023 0 0 0
                                         0
                                             0
                                                       0.006 0
0 0.006 0.023 0 0 0 0 0 0
                                 0 0
                                       0
                                                   0
                                                      0
                                          0
                                             0
                                                0
                                                         0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                       0
                                          0
  0 0 0 0 0 0 0 0 0.013 0 0 0 0 0 0 0 0
0.006 \ 0 \quad 0.023 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0
0 0.023 0 0 0 0.021 0 0 0 0 0 0
 166 166:000048 215:000062 + 0
                           0
                              0.006 0 0 0 0 0 0 0.007 0 0
0.006 0.008 0 0 0 0 0 0
                           0.008 0.01 0
                                      0 0 0.008 0 0.008 0.008
0 0 0.008 0 0 0.008 0
                           0
                              0
                                 0 0
                                       0.008 0
                                              0.008 0 0 0 0
0 0.008 0
             0.008 0 0 0
                           0
                              0
                                 0 0
                                       0.008 0
                                              0 0 0 0.008
0.008 0 0
         0.007 0 0 0 0.007 0.007 0
                                       0.007 0.008 0 0 0.008 0
                                   0
               0 0 0.01 0.008 0.008 0 0.008 0
                                              0 0.008 0
0.008 0.008 0.008 0
0.008 0.008 0
           0
               0.008 0.008 0 0 0 0.008 0 0
                                              0 0
                                                    0.007 0.008
                     0 0.008 0 0.008 0 0 0 0.007 0
     0
            0
               0
                  0
0.007 0.008 0
            0
                  0.008 \; 0 \quad 0.008 \; 0 \quad 0 \quad 0
               0
                          0.008 0 0.008 0 0 0.007 0
      0
         0
            0
                  0
                     0 0
     0.800.0 800.0
                  0 0 0 0 0 0 0.008 0 0.008 0 0 0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0 0
0.008 0 0 0.008 0
                 0.008 0 *0.011 0.008 0
                                     0 0 0 0 0 0.007 0
  0.008 0
          0.008 0.007 0 0 0 0 0
                                         0.007 0 0.007 0 0.008 0
                                     0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                               0.008 0 0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                     0
                                        0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                      0 0
                                            0
                                              0 0
                                                     0.007 0 0
        0 0 0.007 0 0 0 0.008 0 0 0
                                             0.008 0
0.008 0.008 0.007 0 0.006 0.011 0.008 0.006 0 0.008 0.008 0 0 0.008 0.007
```

```
0.008 0 0.008 0 0 0 0.007 0
   0 0 0 0
                 0
                                                        0.008 0
0.008 0 0.008 0
                 0
                     0
                         0.008 0 0.008 0.008 0 0
                                                    0.008 0 0.008 0.008 0
0.008 0 0
           0.008 0
                     0
                         0
                             0 0 0 0 0.008 0
                                                    0
                                                        0.006 0
       0.008 0.007 0
                     0
                             0.007 0 0 0 0 0
                                                    0
                                                        0 0 0
                         0
                                                                   0 0
          0.008 0.008 0.008 0
                              0
 167 167:000049 167:000049
                            0
                                0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                        0
   0
       0
                                    0
                                        0
                                               0
                                                   0
                                                       0
                                                              0
0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                            0
                                                          0
                                                                  0
                                                                     0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                                  0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
0.043 0
         0
                0
                    0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                             0
                                                     0
                                                            0.043 0
                                                                         0
            0
                                                 0
                                                        0
                                                                     0
                         0
                                 0
                                        0
0
   0
       0
           0
              0
                  0
                      0
                             0
                                    0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                     0
0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                       0
                                                          0
                                                              0
                                                                  0
                                                                     0
                                               0
                                                   0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   *0.188 0
                                                            0
                                                                0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                      0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
0
                         0
   0
       0
          0
              0
                  0
                     0
                             0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
0
                  0
                      0
                         0
                             0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0.043 0.188 0
   0
       0
           0
              0
                                 0
   0
       0.043 0
               0 0 0 0 0 0 0 0
                                               0 0
                                                       0 0
0.043 0 0
           0
                0
                  0 0
                          0
                               0
                                 0 0
                                        0 0
                                                0
                                                     0
   0
          0 0
                 0
                     0
                        0
                                0 0
                                       0
                                               0
                                                      0
       0
                             0
                                           0
                                                   0
                                                          0
                                                              0
               0 0.043 0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0.043 0
0.043 0
         0
            0
                0
                   0 0
                         0
                               0
                                 0 0 0 0
                                               0 0
                                                       0 0
                         0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                       0
                                                              0
              0
                  0
                      0
                             0
                                                          0
0
   0
                         0
                                    0
                                       0.188 0
                                                     0
                                                            0
       0
           0
              0
                  0
                      0
                             0
                                 0
                                                0
                                                        0
                                                                       0
              0
                  0
                      0
                         0
                             0
                                 0.043 0
                                         0
                                             0
                                                     0
 168 168:000049 168:000049
                            0
                                0
                                   0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                0.046 0
                                        0
                                             0
                                                0
                                                     0 0
                                                            0
0
       0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
0
   0.046 0
                0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                             0
                                                     0
                                                            0
                                                                   0
            0
                    0
                                                 0
                                                       0
0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                  0
                                                                     0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0.046 0
                                                            0
                         0
                                        0
                                                   0
                                                       0
                                                          0
0
   0
       0
           0
              0
                  0
                      0
                             0
                                 0
                                    0
                                            0
                                               0
                                                                  0
                                                       *0.397 0
0.046 0
         0
            0
                0
                    0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                     0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0.046 0
                                                            0
                                                               0
                                                                   0
0
   0
       0
           0
              0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                       0
                                                          0
                                                              0
                                                                     0
0
   0
          0
              0
                         0
                                        0
       0
                  0
                     0
                             0
                                0
                                    0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                  0
                                                                     0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                                     0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                  0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                   0
                                                              0
                                                                      0
                                               0
                                                       0
                                                          0
                                                                  0
0
   0
          0
                         0
                                        0
       0
              0
                  0
                      0
                             0
                                 0
                                    0
                                            0
                                               0.046 0
                                                       0
                                                            0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                  0
                                                                     0
0
   0
           0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                  0.046 0
0
   0
       0.046\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
                                                                  0
```

```
0 0 0 0 0
                     0
                        0
                           0
                              0
                                 0.046 0
                                         0
                                            0
0.046 0 0
         0
             0
               0
                   0
                      0
                         0
                            0
                                0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                           0
  0.046 0.046 0
              0.046 0
                      0
                         0
                            0
                               0
                                  0
                                      0
 169 169:000049 10:0000021
                                 0
                                       0
                                                   *0.056 0
                      + 0
                           0
                              0
                                    0
                                          0
                                             0
                                                0
            0
               0
                              0
                                    0
                                       0.007 0
                                              0
                                                 0.007 0
                  0
                     0
                        0
                           0
                                 0
0.007 0 0 0 0.007 0
                     0
                        0
                           0
                              0
                                 0.007 0
                                        0.007 0 0
                                                   0
0.007 0 0.007 0
                        0
                           0
                              0
                                          0 0 0.007 0
               0
                  0
                     0
                                 0
                                    0 0
     0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0.007 0
                                           0
                                              0 0.007 0
                         0.007 0
   0.007 0.007 0
              0.007 0
                     0
                                 0
                                    0.007 0 0
                                              0
                                                  0
                                                    0.007 0
   0.007 0
         0 0
               0
                   0
                      0
                         0.007 0
                                 0
                                    0
                                       0 0
                                             0
                                                   0 0.007 0
                                                0
0.007 0 0
             0
               0 0.056 0
                           0
                              0.056 0
                                               0.007 0
                                     0
                                        0
                                           0
     0 0 0.007 0 0
                     0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0 0
0.007 0
      0
         0.056 0 0
                     0.056 0
                            0
                               0
                                  0.007 0.007 0
                                               0
                                                  0
                                                     0
   0.007 0
         0.007 0.007 0
                      0
                         0
                            0
                               0
                                  0
                                     0.007 0 0 0
0.007 0.007 0 0 0 0
                     0.007 0
                            0
                               0.007 0
                                       0.007 0
                                               0
                                                  0
                                                     0
            0
              0
                  0.007 0
                         0.007 0
                                 0
                                    0
                                       0
                                         0
                                             0
                                                0
                                                   0
0
   0.007 0 0 0 0.007 0 0.007 0
                               0
                                  0
                                     0
                                         0
                                            0.007 0 0 0.007 0
         0
            0.007 0
                   0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                                 0 0
            0.007 0
      0
         0
                   0
                      0
                          0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0.056 0 0
                                                         0 0
         0.056 0 0
                   0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                                  0.007 0.007
0.056 0
             0.007 0
                        0.007 0
                               0
                                  0
                                      0
                                         0
                                            0
      0
         0
                     0
                                               0
                                                  0
                                                     0
     0.007 0
             0
                   0
                      0
                         0.007 0
                                 0 0
                                       0.007 0
                                               0.007 0
0.007 0 0.007 0.007 0
                   0
                      0.007 0 0
                                 0.007 0
                                         0.007 0
                                               0 0
                                     0
                                            0.007 0.056 0
         0
            0.007 0
                   0
                      0
                         0
                            0
                                0
                                  0
                                         0
0.056 0 0 0 0 0
                   0
                         0
                                0
                                  0 0
                                        0
                                            0
                                              0.007 0.007 0.007 0
                      0
                            0
  0
                         0
                             0 0 0 0 0.006 *0.035 0.006 0
 170 170:000049 8:0000019
                      + 0
         0.006 0
                0
                   0
                      0
                         0
                            0
                                0
                                  0.006 0 0 0.006 0
      0.006 0
            0
                0
                   0
                      0
                         0
                            0
                                0
                                  0 0
                                        0 0
                                              0 0 0
         0 0.006 0 0.006 0 0.006 0
                                     0.006 0 0 0 0
                                  0
0.006 0 0.035 0
               0 0
                    0 0
                           0
                              0
                                 0
                                    0.006 0
                                            0
                                              0
                                                  0
0
      0
         0
            0
              0.006 0
                     0 0.006 0
                                 0
                                    0
                                       0 0
                                             0 0.006 0
               0 0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                       0.006 0 0.006 0 0.035 0
      0.006 0 0 0 0.035 0
                              0.035 0 0 0 0.006 0.006 0
                           0
                                                        0
0.035 0.006 0.006 0
               0
                   0
                      0.006 0
                              0.006 0
                                     0.006 0
                                             0
                                                0
                                                   0
                                                      0.006 0
      0
        0 0 0 0
                    0
                        0
                           0
                              0.035 0.006 0 0
                                             0 0 0
                                                      0
   0.006 0 0 0 0.006 0
                           0
                              0.006 0
                                     0.035 0
                                             0.006 0 0
   0.006 0.006 0 0 0 0
                           0
                              0
                                 0 0 0 0
                                                0 0
                                                       0
                                             0
     0.006 0.035 0.006 0 0 0
                           0 0 0
                                     0 0 0
                                               0 0
                                                     0.006 0
0.006 0 0
         0 0.006 0 0 0
                          0
                              0
                                 0 0
                                       0
                                          0
                                             0.006 0
                                                     0
     0 0 0.035 0 0 0 0
                            0
                               0 0 0 0
                                            0
                                               0.006 0
0.006 0.006 0 0 0 0 0.035 0
                            0
                               0
                                  0.006 0 0
                                             0 0
                                                  0
                                                      0
         0 0 0 0
                     0 0
                            0.006 0.035 0
                                        0
                                            0
                                               0.035 0
```

```
0.006 0
               0.006 0
                        0.006 0
                                0.006 0
                                         0
                                             0
                                                0
                                                    0
                                                       0.006 0 0 0
0.006 0
        0
           0
               0.006 0
                        0
                           0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0.006 0
                                                         0.035 0.006 0
          0.006 0.006 0
                        0
                           0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
          0.006 0
                   0.006 0.006 0.035 0.006 0 0.006 0
                                                           0.006 0 0
0
   0
       0
                                                   0
                                                       0
                   0.006
   0
          0.035 0
 171 171:000050 34:0000095
                        + 0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0.008 0.006 0.008 0
0.006 0 0 0
               0.008 0 0 0
                               0.007 0.006 0
                                             0
                                               0.004 0 0.006 0 0.008
      0.007 0
               0
                   0.008 *0.013 0
                                0
                                    0
                                        0
                                            0
                                               0.006 0.006 0
                                                            0
                                0.004 0.006 0.008 0
       0
          0.006 0
                   0
                      0 0 0
                                                    0.008 0.006 0
                                                                  0.008
   0.006 0
            0
               0
                      0.008 0
                               0.006 0
                                        0
                                           0
                                               0 0.013 0 0
                   0
0.006 0
                                           0.008 0
                                                    0.01 0.008 0
        0
            0
               0
                   0
                      0
                         0
                             0
                                 0
                                    0
                                        0
          0.008 0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                        0.006 0 0
                                                    0.006 0
        0.004 0 0.008 0.006 0.006 0
0.006 0
                                    0
                                       0
                                           0.004 0.006 0
                                                            0.006 0
                                                        0
            0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
            0.004 0
                    0 0.007 0
                                0.008 0 0.01 0.007 0
                                                     0 0
                                                              0
      0.006 0.008 0
                    0.006 0.007 0.006 0
                                       0
                                           0
                                              0.006 0
                                                       0.004 0
                               0.008 0 0 0.006 0 0 0.008 0.008
   0.004 0
               0.008 0 0.006 0
0.006 0 0
                  0.006 0 0 0
                                  0 0
                                         0.006 0 0.006 0
0.008 0.006 0.008 0
                                       0.006 0
                                               0 0 0.008 0.006 0.008
                  0 0
                        0
                             0
                               0
                                    0
                       0
   0.013 0
            0.008 0
                    0
                           0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0.008 0
                                                         0
   0.006 0
            0.006 0
                        0
                           0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0.008 0
                    0
                                                             0
                                                                0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                    0.006 0
                                              0.004 0
                                                      0
       0
          0.008 0.006 0 0.006 0.006 0 0.006 0
                                               0
                                                   0.008 0.006 0
                                                                 0.006
0.006 0.006 0 0
                0.006 0.006 0
                                                    0
                               0
                                  0
                                     0
                                        0
                                             0
                                                0
                                                       0
                                                           0
0.008 0
            0 0.008 0.004 0 0
                               0 0.004 0
                                             0.008 0
                                                     0.008 0
        0
                                                              0.008 0
0.006 0
        0.007 0.006 0.008 0
                          0
                               0
                                  0.008 0 0
                                              0
                                                  0.008 0
0.006 0 0
          0.004 0
                    0.006 0.008 0
                                  0
                                      0
                                        0
                                             0.008 0.004 0.006 0.006 0
   0 0.006 0 0
                  0 0
                         0.006 0
                                              0
                                                  0
                                                     0.008 0
                                   0
                                      0.006 0
0.004 0.006 0.004 0
                  0.008 0
                                  0.800.0
                                          0
                                              0 0
                                                     0 0.006 0
                           0
                               0
 172 172:000050 10:0000021
                                                        0
                                                          *0.056 0
                         + 0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                   0
   0 0
         0
             0
                 0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0.007 0
                                                     0 0.007 0
0.007 0 0
           0
               0.007 0
                        0
                            0
                               0
                                   0
                                      0.007 0 0.007 0
                                                       0
                                                           0
0.007 0 0.007 0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                                 0
                                                    0
                                                        0.007 0
                            0
                               0
                                          0.007 0 0
                                                    0 0.007 0
      0
          0
             0
                 0
                     0
                        0
                                   0
                                      0
                 0.007 0
   0.007 0.007 0
                         0
                             0.007 0
                                      0
                                         0.007 0
                                                  0
                                                      0
                                                         0
                                                             0.007 0
   0.007 0
           0
               0
                   0
                      0
                         0
                             0.007 0
                                      0
                                          0
                                             0 0
                                                    0
                                                        0 0
                                                              0.007 0
                      0.056 0
               0
                  0
                               0
                                  0.056 0
                                           0
                                              0
                                                  0
                                                      0.007 0
             0.007 0 0
                         0
                            0
                                    0
      0
          0
                                 0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                0
0.007 0 0
            0.056 0 0 0.056 0
                                    0
                                        0.007 0.007 0
                                0
                                                      0
                                                         0
   0.007 0
            0.007 0.007 0
                         0
                                0
                                    0
                                        0
                                           0.007 0
                             0
                                                    0
                                                       0
                                                           0
                                                              0
                                                                  0
0.007 0.007 0
             0
                 0
                    0 0.007 0
                                0
                                    0.007 0
                                             0.007 0
                                                     0
                                                             0
              0
                0
                    0.007 0
                             0.007 0
                                      0 0
                                             0 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0 0
       0
         0
            0
               0
                  0.007 0
                           0.007 0
                                    0
                                       0
                                           0
                                               0
                                                  0.007 0
                                                              0.007 0
          0 0.007 0 0 0 0 0
                                    0
                                       0 0
                                              0
                                                  0
                                                     0 0
```

```
0.056 0 0 0 0
         0 0.007 0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
         0.056 0
                0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                     0.007 0.007
              0.007 0
                      0
                         0.007 0
                                 0
                                        0
                                           0
                                              0
      0.007 0
                           0.007 0
                                         0.007 0
                                                 0.007 0
              0 0
                    0
                       0
                                   0 0
                                                        0 0
                                   0.007 0
0.007 0
       0.007 0.007 0
                    0
                       0.007 0
                               0
                                           0.007 0
                                                  0
                                              0.007 0.056 0 0 0
  0 0 0 0.007 0
                                       0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                           0
0.056 0 0
         0 0 0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                      0
                                          0
                                              0
                                                0.007 0.007 0.007 0
  0
 173 173:000050 25:0000068
                       + 0 0 0 0 0 0 0.006 0 0.006 0
                             0 0.006 0 *0.037 0
      0.006 0
              0
                 0
                    0
                       0 0
                                                0.006 0
      0.006 0
                                    0 0 0 0
              0
                 0
                    0
                       0
                           0
                             0
                                 0
                                                 0 0
         0 0.006 0
                    0.006 0 0.006 0
                                   0
                                       0.006 0
                                               0
                                                      0
0.006 0
       0
          0
              0
                0
                    0
                       0
                          0
                              0 0 0.006 0 0
                                                0
                                                   0
                                                      0
   0
         0 0.006 0
                    0
                       0.006 0 0 0 0
                                         0 0
                                                0.006 0
0
   0
         0.037 0
                0
                    0
                       0
                           0
                             0 0.037 0 0.006 0
                                                0.006 0.037 0
      0.006 0
              0
                    0
                       0
                           0
                              0
                                 0
                                    0 0
                                          0.006 0.006 0
0.006 0.006 0 0.037 0
                    0.006 0
                            0.006 0 0.006 0 0
                                               0
                                                  0
                                                      0.006 0
        0 0 0
                   0
                      0
                         0
                            0 0.006 0
                                       0.037 0
                                                0
                                                      0
                            0.006 0
                                           0.006 0
0.006 0 0 0 0.006 0
                         0
                                    0
                                       0
                                                      0
0.006 0.006 0 0 0
                   0
                      0
                         0.037 0
                                 0
                                    0
                                       0
                                           0
                                              0.037 0
     0.006 0
             0.006 0
                      0
                         0
                                   0
                                         0.037 0
                                                0 0
                                                        0.006 0
  0
                            0
                                0
                                      0
       0
              0.006 0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0.006 0
      0
        0 0 0
                   0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0.006 0
0.006 0.006 0 0
                      0
                         0
                            0.037 0
                                   0.006 0
               0
                   0
                                           0
                                               0
                                                  0 0
0.006 0
          0.037 0.037 0 0.037 0 0 0.006 0 0 0 0
       0
0.037 0
          0 0 0 0
                       0 0
                             0 0 0 0
                                          0 0.006 0
                                                      0
0.006 0
       0
          0 0.006 0 0.006 0
                             0.006 0 0.006 0
                                              0
                                                 0 0
                                                       0.037 0.006
0 0 0 0.006 0 0 0 0.006 0 0 0 0 0
                                               0 0
                                                      0.006 0
0.006 0 0
          0 0 0.006 0.006 0 0
                                   0 0
                                          0
                                              0
                                                 0
                                                    0
                                                              0
            0 0.006 0
                         0.006 0.006 0 0.006 0 0.006 0
0.006 0 0
          0
              0
                0 0
                      0
                           0.006
 174 174:000051 19:0000051
                       + 0
                            0 0
                                  0 0 0 0.007 0
                                                    0.007 0
                                                0.007 0
      0.007 0
                0
                   *0.063 0 0 0
                                  0
                                      0
                                             0
0
   0
      0.007 0
              0 0 0
                       0
                          0 0 0 0 0 0
                                                0
                                                     0
                                                           0
                                                             0
                           0.007 0
                                   0 0.007 0
            0
               0
                   0.007 0
                                              0
                                                 0
0.007 0 0
          0
              0 0
                    0
                       0
                           0
                              0 0 0.007 0
                                            0
                                                0
                                                   0
                                                      0
            0.007 0
                    0
                       0.007 0
                               0
                                   0
                                      0
                                         0
                                            0
                                                0.007 0
                                   0
                                      0
                                         0
                                             0.007 0 0
   0
      0
         0
            0
                0
                   0
                      0
                         0
                            0
                                0
                             0
                                0
                                   0.007 0.007 0
                                                0 0 0.007 0.007
            0
                   0
                      0
                         0
0.063 0 0
          0.007 0
                   0.007 0
                           0
                             0
                                 0
                                   0.063 0
                                            0.007 0 0
                                                       0.063 0
                                 0.063 0
            0
                   0
                      0.007 0
                             0
                                         0
                                            0
                                                0
                                                   0
0.063 0 0
         0 0 0 0.007 0
                            0
                                0
                                   0.007 0
                                          0
                                              0
                                                0
                                                    0
                                                       0.007 0.007
         0
            0
                0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
0.007 0 0.007 0
               0
                   0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                                0.007 0
                                                       0.007 0
```

0.008 0.008 0

0.01 0.008 0

0 0

0 0

0.008 0.008 0 0 0

0.008 0

0.008 0.008 0

0.008 0.008 0.007 0.008 0

```
0.008 0 0 0.008 0 0.008 0 *0.011 0.008 0 0 0 0 0 0 0.007 0
0 0.008 0
         0.008 0.007 0 0 0 0 0
                                     0 0.007 0 0.007 0 0.008 0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                               0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                     0 0 0.006 0.008 0 0
0.008 0 0 0 0 0.008 0 0.006 0 0
                                 0
                                        0
                                           0
                                              0
                                                 0
                                                     0.007 0 0
\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0.007 & 0 & 0 & 0.008 & 0 & 0 & 0 & 0.008 & 0 \\ \end{smallmatrix}
0.008 0.007
0 0 0 0 0
                  0.008 0 0.008 0 0 0 0.007 0
                                              0.008 0 0 0
0.008 0 0.008 0 0
                     0.008 0 0.008 0.008 0 0
                                           0.008 0 0.008 0.008 0
                  0
0.008 0 0 0.008 0
                 0 0 0 0 0 0 0.008 0
                                           0
                                              0.006 0 0 0 0
0 0 0.008 0.007 0 0 0 0.007 0 0 0
                                        0
                                            0
                                               0 0
                                                    0 0 0
         0.008 0.008 0.008 0 0
 177 177:000051 215:000062 + 0
                          0 0.006 0 0 0 0
                                               0
                                                 0
                                                    0.007 0 0
0.006 0.008 0 0 0 0 0 0
                           0.008 0.01 0
                                      0 0.008 0
                                                    0.008 0.008
0 0 0.008 0 0 0 0.008 0
                           0 0 0 0
                                       0.008 0
                                              0.008 0 0 0 0
0 0 0.008 0 0.008 0 0
                           0
                              0
                                 0 0
                                       0.008 0
                                              0 0
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0
                                       0.007 0.008 0 0 0.008 0
0.800.0 800.0 800.0
               0 0 0.01 0.008 0.008 0 0.008 0
                                              0 0.008 0
0.008 0.008 0
               0.008 0.008 0 0 0 0.008 0 0
                                              0 0
            0
                                                    0.007 0.008
                     0 0.008 0 0.008 0 0 0 0.007 0
      0 0
            0
               0
                  0
                                                     0.007 0
0.007 0.008 0
           0
                  0.008 0 0 0 0
                                 0 0
                                        0 0 0.008 0 0
              0
                     0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
     0 0
            0
              0
                  0
     0.008 0.008 0
                  0 0 0 0 0 0 0.008 0 0.008 0 0 0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0 0.008 0 0.008 0 *0.011 0.008 0
                                     0 0 0 0 0 0.007 0
         0.008 0.007 0 0 0 0 0 0
                                        0.007 0 0.007 0 0.008 0
0 0.008 0
                                     0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                               0.008 0 0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                     0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                     0 0
                                           0
                                              0 0
                                                    0.007 0 0
0 0 0 0 0 0.007 0 0 0.008 0 0 0 0.008 0
0.008 0.008 0.007 0 0.006 0.011 0.008 0.006 0 0.008 0.008 0 0 0.008 0.007
        0
                 0.008 0 0.008 0 0
                                      0.007 0
                                              0.008 0
            0
              0
0.008 0 0.008 0 0
                  0
                    0.008 0 0.008 0.008 0 0
                                          0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                     0 0 0 0 0 0.008 0
                                           0
                                              0.006 0 0
                  0
  0 0.008 0.007 0
                 0
                    0 0.007 0 0 0 0 0
                                           0
                                              0 0
                                                    0
                                                        0
         0.008 0.008 0.008 0
                         0
                                   0 *0.109 0
 178 178:000051 6:0000017
                     + 0
                          0
                             0
                                 0
                                              0 0
                                                   0
  0
      0
         0
            0
              0
                  0
                     0
                        0
                           0
                              0
                                0
                                    0
                                       0
                                          0
                                             0
                                                0
                                                      0.109 0
            0
                              0
                                 0
                                    0
               0
                  0
                     0
                        0
                           0
                                       0
                                          0
                                             0
                                                   0.083 0
0.109 0 0
          0
             0
                   0
                               0
                                     0
                                            0
                                                 0
               0
                     0
                         0
                            0
                                  0
                                        0
                                              0
                                                    0
   0
      0
         0
            0
               0.029 0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                            0
0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                0 0
                                                      0
   0
      0
         0
            0
               0
                  0
                     0
                        0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0.038 0 0
0
  0
     0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0 0 0
```

```
0
   0
       0
          0
              0
                 0
                         0
                            0
                                0
                                   0
                                       0.109 0
                                              0
                                                   0
                                                       0
0
   0
       0
          0
              0
                 0
                     0.109 0
                              0
                                 0
                                     0
                                         0
                                            0.029 0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                   0
                                                                       0
0
   0
       0
          0
              0
                 0
                         0
                            0
                                0
                                   0
                                       0
                                          0
                                                  0
                                                     0
                                                         0
                                                                0
                                                                   0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                   0
0
   0
       0
          0
              0
                 0
                                                                    0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
              0
                 0
                        0
                            0
                                       0
                                          0
                                              0
                                                     0
                     0
                                0
                                   0
                                                 0
                                                         0
                                                            0.109 0
                                                                     0
0
   0
       0
          0
              0
                     0
                        0
                            0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                 0
                                0
                                                         0
                                                            0
                                                                   0
0
   0
       0
          0
                 0
                     0
                        0
                                0
                                   0
                                       0
                                              0
                                                  0
                                                     0
                                                                   0
              0
                            0
                                          0
                                                         0
                                                            0
                                                                0
   0
                         0
                                       0
                                              0
       0
          0
              0
                 0
                     0
                            0
                                0
                                   0
                                           0
                                                  0
                                                     0
                                                         0
                                                            0
0.109 0
        0
            0
               0
                   0
                       0
                         0
                              0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                  0
   0
          0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
0
   0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
       0
          0
                 0.029 0
                              0
                                     0
                                            0
                                                   0
                                                          0
                                                             0.029 0
              0
                          0
                                 0
                                        0
                                               0
                                                      0
 179 179:000052 11:0000023
                         + 0
                               0
                                   0
                                       0
                                          0
                                             0 0.006 0
                                                          0.006 0
*0.084 0
         0
             0
                0.006 0
                         0 0
                                0
                                    0
                                       0 0
                                              0.006 0 0
                                                          0
                                                              0.006 0
              0.006 0 0
                         0
                              0
                                0 0
                                        0 0
                                                0
                                                   0
                                                       0
                 0 0.006 0.084 0.006 0
                                       0.006 0 0 0.006 0
0
       0
          0
              0
                                                              0
0
                  0 0
                                               0.006 0 0
               0
                         0
                             0
                                0 0
                                        0 0
                                                            0
0
                 0 0.006 0
                                0.006 0 0 0
                                                 0
                                                     0
                                                            0.006 0
   0
          0
              0
                             0
                                                         0
                                              0
                                                 0.006 0 0.006 0
          0
                 0
                     0 0 0 0 0
                                          0
   0
       0.006 0
                  0 0
                         0
                              0
                                 0 0
                                       0 0
                                               0.006 0.006 0
               0
                                                              0
                     0.006 0
                             0.006 0 0.006 0
0.006 0.006 0 0
                 0
                                               0
                                                   0
                                                      0
                                                          0.006 0
   0
       0 0
              0
                 0
                     0
                        0
                            0
                                0.006 0
                                       0 0
                                               0
                                                   0
                                                      0 0 0.084 0
0.006 0
           0
               0
                  0.006 0
                                0.006 0
                                               0.006 0
                                                            0
        0
                            0
                                        0
                                            0
                                                        0
0.006 0.006 0 0
                 0
                     0
                            0
                                0
                                   0
                                              0
                                                 0
                                                     0
                                                        0.084 0
                        0
                                       0
                                          0
      0.006 0
               0.006 0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                            0.006 0.084
0.006 0 0
           0
               0.006 0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                     0.006 0
                                                              0
                                                                 0
   0
       0
                 0
                            0
                                0
                                   0
                                       0
                                                  0
                                                     0.006 0
          0
              0
                     0
                        0
                                          0
                                              0
                                                                     0
0.006 0.006 0 0
                 0
                     0
                        0
                            0
                               0
                                   0
                                       0.006 0
                                               0
                                                   0
                                                      0
                                                                     0
                                                          0
                                                              0
                                                                 0
                                0.006 0
                                             0.084 0
                                                              0
        0
           0 0 0 0 0
                                          0
                                                      0
                                                                     0
                                          0.006 0 0
          0 0 0 0
                        0
                            0
                               0
                                   0 0
                                                      0
                                                         0.006 0.006 0
       0.006 0 0.006 0
                        0.006 0
                                 0.006 0
                                             0
                                                     0
                                                        0.006 0
                                          0
                                                0
               0.006 0
0.006 0 0
           0
                        0 0 0
                                   0 0
                                          0
                                             0 0.006 0
                                                          0
                                                              0.006 0 0
                                                   0
       0.006 0.006 0.084 0
                         0 0
                                0
                                     0 0
                                            0
                                              0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
          0.006 0 0.006 0.006 0
                                0.006 0
                                         0.006 0
                                                   0
                                                      0
                                                          0.006 0
                                                                 0 0
       0
              0.006
   0
       0
          0
                                          *0.271 0
 180 180:000052 5:0000014
                         + 0
                               0
                                   0
                                      0
                                                   0
                                                      0
                                                          0
                                                             0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                   0
0
   0
       0
                            0
                                   0
                                           0
                                              0
                                                                    0
          0
              0
                 0
                     0
                         0
                                0
                                       0
                                                  0
                                                     0
                                                         0
                                                            0
0
   0
       0
                         0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                    0
          0
              0
                 0
                     0
0
   0
       0
          0
              0.047 0
                       0
                         0
                              0
                                 0
                                     0
                                       0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
0
   0
       0
          0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                          0
                                              0.047 0
                                                       0
                                                          0
                                                                  0
                                                                     0
              0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                   0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                   0
```

```
0
   0
       0
           0
               0
                   0
                       0
                                                         0
0
   0
       0
           0
               0
                   0
                      0
                          0.271 0
                                    0
                                        0
                                           0.047 0
                                                     0
                                                         0
                                                             0
                                                                0
                                                                    0
                                                                        0
                                                                            0
0
   0
       0
           0
               0
                   0
                      0
                          0
                              0
                                      0
                                              0
                                                     0
0
   0
       0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                         0.271 0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                  0
                                                                      0
                                                                          0
0
   0
       0
                                                                        0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
0
   0
       0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                         0
                                              0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                    0
                                                                        0
                                                 0
0
       0
               0
                              0
   0
           0
                   0
                      0
                          0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                    0
                                                                        0
0
   0
           0
                   0
                          0
                                  0
                                         0
                                                 0
                                                                 0
                                                                        0
       0
               0
                      0
                              0
                                      0
                                             0
                                                     0
                                                         0
                                                             0
                                                                    0
0
   0
                                                                        0
       0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                    0
0
   0
       0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                    0
                                                                        0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                    0
                                                                        0
   0
       0
           0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                         0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0.047 0
               0
 181 181:000052 120:000035
                            + 0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0.004 0.006 0.004 0
0.006 0 0 0
                0.004 0
                          0
                              0
                                  0
                                     0.006 0
                                               0
                                                  0.004 0 0.006 0 0.004 0
               0.004 0
                       0
                           0
                                0
                                  0 0 0.006 0.006 0
                                                          0
                   0 0
                           0.004 0.006 0.004 0 0.004 0.006 0
   0.006 0
                0
                                                                0.004 0
                   0.004 0 0.006 0
                0
                                       0
                                          0 0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0.004 0.006
                                 0 0 0.004 0
                                                       0.004 0
                                                                    0
       0
               0
                  0
                      0
                         0
                              0
                                                  0
                                                                0
                   0 0 0 0 0.006 0 0 0.006 0
   0.004 0
             0
                0
                                                          0
                                                              0
                                                                  0.006 0
*0.164 0
         0.004 0.006 0.006 0
                              0
                                  0
                                     0.004 0.006 0 0
                                                        0.006 0
                          0.006 0.006 0.004 0.004 0
           0.004 0.004 0
                                                   0.006 0.006 0.004 0
0.004 0 0.004 0
                  0 0
                          0 0.004 0 0 0 0
                                                  0
                                                      0 0 0 0
0.006 0.004 0 0.006 0
                        0.006 0
                                 0 0.006 0
                                                  0.164 0
                                                            0
                                                                0
       0.004 0
                 0.006 0
                          0.004 0 0 0.006 0 0 0.004 0.004 0.006 0
   0
       0.006 0
                 0
                    0
                        0
                            0
                                0.006 0
                                         0.006 0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0.004 0.006
0.004 0
         0
             0
                 0
                    0
                        0
                            0
                                0.006 0
                                         0
                                             0
                                                 0.004 0.006 0.004 0
0.004 0
                                        0.004 0
                                                         0.006 0
             0
                 0
                    0
                        0
                            0
                                0
                                    0
                                                 0
                                                     0
0.006 0
                 0
                    0
                        0
                            0
                                        0
                                          0.004 0
                                                     0
                                                         0
                                                            0
                                                                0.004 0.004 0
         0
             0
                                0
                                    0
0.006 0
             0.006 0
                      0.006 0
                                0.004 0
                                                                   0.004
                                         0
                                            0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
0.006 0
         0.006 0.006 0
                        0.006 0
                                0 0.004 0.006 0
                                                    0.006 0.006 0.006 0 0
0.006 0.006 0
                                  0
                                     0
                                         0
                                                     0
                                                         0.004 0
               0
                  0
                      0
                          0
                              0
                                             0
                                                 0
0.004 0.004 0
               0
                  0
                      0.004 0
                                0.004 0 0.004 0
                                                  0.004 0
                                                            0.006 0
0.006 0.004 0
                  0
                      0.004 0
                                       0.004 0
                                                 0
                                                    0
                                                        0
                                                            0 0.006 0
               0
                                0
                                   0
0.004 0
         0.006 0.004 0
                        0
                                   0.004 0.004 0.006 0.006 0
                                                              0
                                                                 0
                            0
                                0
0.006 0
           0 0
                   0.006 0 0
                                 0.006 0
                                          0
                                               0
                                                   0.004 0
                                                            0.004 0.004 0.006
0.004 0
         0.004 0
                  0
                      0
                          0.004 0
                                   0
                                       0
                                           0
                                               0
                                                   0.006 0
                                                            0.004
 182 182:000052 152:000044
                            + 0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                    0
                                                       0
                                                              0
0
                          0
                              0
                                  0
                                      0.017 0
                                               0
                                                   0
                                                         0
0
   0
                                      0
                                                     0
                                                         0
                                                                0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                         0
                                             0
                                                 0
                                                             0
                                                                    0
0
                        0
                            0
                                0
                                    0
                                        0
                                           0
                                               0
                                                       0
                                                           0
                                                              0
0
   0
                   0
                      0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                0
                                                                    0
                                                                        0
       0
           0
               0
0
   0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0.017 0
                                                                 0
                                                                      0
```

```
0
*0.392 0.017 0
           0
              0
                 0
                    0
                       0
                          0
                            0
                               0
                                  0
                                     0
                                        0
                                              0
  0
           0
              0
                 0
                   0
                      0
                         0
                            0
                               0.392 0
                                         0
                                            0.017 0
                                                      0
0
  0
     0
        0
           0
              0
                 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                          0
                                             0
                                                   0
                                                      0
0
  0
     0
        0
           0
                 0
                   0
                      0
                                                   0
                                                      0
              0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                          0
                                             0
                                                0
0
  0
     0
        0
           0
                 0
                   0
                      0
                               0
                                  0
                                                      0
              0
                         0
                            0
                                     0
                                        0
                                          0
                                             0
                                                0
                                                   0
0
  0
     0
        0
           0
                 0
                   0
                      0
                            0
                               0
                                  0
              0
                         0
                                     0
                                        0
                                          0
                                             0
0
  0
     0
        0
           0
              0
                 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                       0.017 0
                                               0
                                                 0
                                                    0
0
  0
     0
        0
           0
                 0
                   0
                      0
                            0
                               0
                                  0
              0
                         0
                                     0
                                             0
0
  0
     0
        0
           0
              0
                 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                          0
                                             0
                                                0
0.017 0 0
        0
            0.017 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                       0
                                          0
                                             0
                                                0
        0
           0
             0
                 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0.017 0
0
     0
                                            0
                                               0
                                                    0
                                                       0
              0 0 0
     0.017 0
            0
                       0
                          0
                             0
                                0
                                   0
                                      0
0
     0 0.017 0.017 0 0.017 0
                         0
                             0
                               0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                 0
                                                    0
                                                       0
0
  0
 183 183:000053 19:0000051 + 0 0
                              0 0 0 0.007 0
                                              0.007 0
            0 0 *0.063 0 0 0 0 0 0
                                          0.007 0
     0.007 0
                                                  0
                                                     0.063
     0.007 0
              0 0
                    0
                       0 0 0 0 0 0
                                           0 0
           0 0 0.007 0 0.007 0 0 0.007 0 0
        0
                                           0
0.007 0 0
        0
            0 0 0
                    0
                        0 0 0 0.007 0 0
                                          0
                                             0 0
           0.007 0 0 0.007 0
                               0
                                  0
                                    0
                                       0
                                          0.007 0
  0
        0
                           0
              0
                 0 0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0.007 0 0
                      0 0 0
                                          0 0 0.007 0.007
  0
        0
           0
              0
                 0
                   0
                               0.007 0.007 0
0.063 0 0
         0.007 0
                 0.007 0 0
                         0 0 0.063 0
                                                 0.063 0
                                      0.007 0 0
           0 0 0 0.007 0 0 0.063 0 0
                                          0 0 0 0 0
  0 0 0
                                       0
0.063 0 0 0 0 0 0.007 0
                                                 0.007 0.007
                         0 0
                               0.007 0 0
                                         0
                                           0 0
  0 0
       0 0
             0 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                          0
                                             0
                                                0.007 0
0.007 0 0.007 0 0 0 0
                         0
                               0
                                          0.007 0
                            0
                                  0
                                    0 0
  0.007 0 0 0 0 0 0 0 0 0 0.007 0 0 0
                                                0
       0 0 0 0 0 0 0 0 0.007 0
                                     0 0 0 0.007 0.007 0
  0.063 0 0 0 0 0 0
                         0 0
                               0 0
                                     0.063 0 0 0.007 0 0
             0 0.007 0
                        0
                             0
           0
                           0
                               0
                                   0
                                      0
                                         0
                                           0
                                              0
           0
             0 0 0 0.007 0 0 0 0.007 0 0 0 0
        0
0.007 0 0.007 0 0.007 0 0 0 0.063 0 0.007 0 0
                                              0.007 0
0.007 0 0 0 0 0 0 0 0 0 0 0 0.007 0
                                          0
                                             0
                                                0
                                                   0.007 0
 0 0 0 0 0 0 0 0 0 0 0
                                     0
                                       0
                                          0
                                             0
                                                0
                                                   0.007 0
        0
           0
             0.007 0
                    0 0 0.007 0 0
                                    0
                                       0
                                          0
                                             0
                                                0
                                                   0.007
 184 184:000053 5:0000014 + 0 0.029 0 0 *0.047 0.029 0
                                              0 0
0 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0
0.029 0 0
        0
            0 0 0
                    0 0.029 0
                              0
                                    0
                                          0
                                             0.029 0.029 0
                                 0
                                       0
0.029 0 0.029 0 0 0 0 0
                           0
                               0
                                  0
                                     0
                                       0
                                          0
                                             0
                                                0
0 0 0.029 0 0 0 0 0.032 0 0
                               0
                                  0
                                     0
                                       0
                                          0
                                             0
                                                0
                                                   0.029
0.029 0 0 0 0 0 0 0 0 0 0.029 0.029 0
                                         0
                                           0
```

```
0 0
                      0
                           0 0 0 0 0 0 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                      0.029 0
                   0
                   0
                         0
                             0
                                0
                                   0
                                      0.029 0
                                              0.047 0
                                                             0.032
0
   0
      0
             0
                0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                      0
                                                          0
                                                             0
                             0
   0
                0
                   0
                      0
                         0
                                0
                                   0
                                      0
                                         0
                                             0
0.047 0
       0
           0
              0
                    0
                           0 0 0 0 0
                                              0 0
                                                    0
                0
                      0
                                          0
0
         0
                   0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
      0
            0
                0.029 0
0
   0
      0
         0
            0
                       0
                          0
                             0 0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                    0
0
   0
      0
         0
            0
                0
                   0
                      0
                         0.029 0 0 0 0
                                          0
                                              0
                                                0
0
   0
      0
         0
            0
                   0
                      0
                               0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
               0
                            0
0
   0
      0
         0
            0
               0
                      0
                         0.029 0 0 0 0
                                          0
                                              0
0
   0
      0
         0
            0
                      0
                                0
                                  0
                                      0
                                         0
                                               0
               0
                   0
                         0
                            0
                                             0
                                                   0
                                                      0
                                                          0
0
   0
      0
         0
            0
                0
                   0.029 0
                          0
                             0
                                 0
                                    0
                                       0.029 0
                                                0
                                                   0
                                                      0.029 0
0
   0
      0
         0
            0
                0
                   0
                      0 0 0.029 0 0
                                      0
                                          0 0.024 0
                                                      0
                                                         0 0 0
   0
      0
         0
             0
                   0.032 0
                0
 185 185:000053 215:000062
                       + 0
                            0 0.006 0
                                       0
                                          0 0
                                                0 0
                                                      0.007 0
0.006 0.008 0 0 0 0 0 0
                            0.008 0.01 0
                                        0 0 0.008 0 0.008 0.008
     0.008 0
             0 0.008 0
                            0
                               0
                                   0
                                      0
                                         0.008 0
                                                0.008 0 0 0
0 0.008 0
              0.008 0
                     0
                         0
                            0
                               0
                                   0
                                      0
                                         0.008 0
                                                0 0
         0.007 0 0 0 0.007 0.007 0
                                         0.007 0.008 0 0
                                                        0.008 0
                                     0
0.008 0.008 0.008 0
                0 0 0.01 0.008 0.008 0
                                        0.008 0
                                                   0.008 0
                                                0
0.008 0.008 0
               0.008 0.008 0 0 0 0.008 0
                                          0 0
                                                 0 0
   0
      0 0
            0
                0
                   0
                      0 0.008 0 0.008 0 0 0 0.007 0
                                                        0.007 0 0
0.007 0.008 0
                             0 0
                                          0 0
                                                0.008 0
            0
               0
                   0.008 0
                           0
                                    0
                                       0
0 0
      0
                         0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
         0
            0
               0
                   0
                      0
      0.008 0.008 0
                   0 0 0 0 0 0 0 0.008 0 0.008 0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
                                          0 0 0 0 0.007 0
0.008 0 0 0.008 0
                  0.008 0 *0.011 0.008 0
                                        0
0 800.0
          0.008 0.007 0 0 0 0 0
                                           0.007 0 0.007 0 0.008 0
                                   0
                                       0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                                 0.008 0 0.007 0
                                       0.008 0 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                       0 0 0.006 0.008 0 0
          0 0 0.008 0 0.006 0 0
                                   0
                                        0
                                                 0
                                                        0.007 0 0
0 0 0 0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
0 0.008 0.007
0 0 0 0
                   0.008 0 0.008 0 0 0 0.007 0
                                                0.008 0
            0 0
0.008 0 0.008 0 0
                   0 0.008 0 0.008 0.008 0 0
                                             0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                   0 0 0 0 0 0.008 0
                                              0
                                                 0.006 0 0 0
0 0 0.008 0.007 0
                   0 0 0.007 0 0 0
                                          0
                                              0
                                                 0 0
                                                       0 0 0
         0.008 0.008 0.008 0 0
 186 186:000054 168:000049
                      + 0
                            0 0 0.017 0 0 0.004 0.006 0.004 0
0.006 0 0 0 0.004 0 0 0
                            0 0.006 0 0
                                           0.013 0 0.006 0 0.004 0
\begin{smallmatrix} 0 & 0 & 0 & 0 & 0.004 & 0 & 0.012 & 0 & 0 & 0 & 0.006 & 0.006 & 0 & 0 & 0 & 0 & 0 \\ \end{smallmatrix}
0 0.006 0
          0
             0
                0 0 0.013 0.006 0.004 0 0.004 0.006 0 0.004 0
0.006 \ 0 \quad 0 \quad 0 \quad 0.004 \ 0 \quad 0.006 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.004 \ 0.006
```

```
0.004 0
         0 0 0 0 0 0 0.006 0 0 0.006 0 0 0.012 0.006 0
0.004 0 0.004 0.006 0.006 0 0 0 0.013 0.006 0 0 0.006 0 0
  0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
0.017 0.013 0 0 0 0.012 0.004 0
                            0 0 0 0 0 0 0 0 *0.046 0
0.006 0.004 0 0.006 0 0.006 0 0 0.006 0 0.004 0.017 0 0
0.013 0 0 0.004 0 0.006 0 0.004 0 0 0.006 0 0 0.004 0.004 0.006 0
  0 0 0.006 0 0 0.012 0 0 0.006 0 0.006 0 0 0 0 0 0.004
0.006 0.004 0 0 0.017 0 0 0 0.006 0 0 0 0.004 0.006 0.004 0
    0.004 0 0 0 0 0 0 0 0 0 0.004 0 0 0 0.006 0 0
0.006 \ 0 \ 0.006 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0.004 \ 0 \ 0
0.004 0.004 0 0.006 0 0 0.006 0 0.006 0 0.013 0.012 0.012 0 0 0
     0.004 0.006 0 0.006 0.006 0 0.006 0 0
                                       0.004 0.006 0 0.006 0.006
0.004 0.013 0 0 0.012 0.013 0 0.004 0 0.004 0 0.004 0 0.006 0
  0.006\ 0.004\ 0\quad 0\quad 0\quad 0.004\ 0\quad 0\quad 0\quad 0.004\ 0\quad 0\quad 0\quad 0\quad 0\quad 0\quad 0.006\ 0
  0.013 0
         0.006 0.004 0 0 0 0 0.004 0.013 0.006 0.006 0 0 0
      0 0 0 0.006 0 0 0.006 0 0 0 0.004 0 0.013 0.013 0.006
0.006 0
      0.004 0 0 0 0.004 0 0.012 0 0 0 0.006 0
                                                 0.004
 187 187:000054 215:000062 + 0
                           0
                              0.006 0 0 0 0 0 0.007 0
0.006 0.008 0 0 0 0 0 0
                          0.008 0.01 0
                                         0 800.0
                                                   0.008 0.008
                                     0
     0.008 0 0 0 0.008 0
                          0
                             0
                                0
                                   0
                                       0.008 0
                                              0.008 0
                                       0.008 0
     0.008 0 0.008 0 0
                          0
                             0 0 0
                                              0 0 0 0.008
         0.007 0 0 0 0.007 0.007 0
0.008 0 0
                                  0
                                      0.007 0.008 0
0.008 0.008 0.008 0 0 0 0.01 0.008 0.008 0 0.008 0 0 0.008 0
              0.008 0.008 0 0 0 0.008 0 0
0.008 0.008 0
           0
                                              0
                                                    0.007 0.008
  Ω
     0
        0
            0
               0
                 0
                    0 0.008 0 0.008 0 0 0 0.007 0
                                                    0.007 0
0.007 0.008 0
                         0 0 0 0
                                     0 0 0 0.008 0
           0
              0
                 0.008 0
  0
           0
                    0 0 0.008 0 0.008 0 0
                                            0.007 0 0 0.007 0
     0
        0
              0
                 0
     0.008 0.008 0
                 0 0 0 0 0 0 0.008 0 0.008 0 0 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
     0.01 0.008 0
0.008 0 0
         0.008 0 0.008 0 *0.011 0.008 0
                                     0 0
                                           0
  0.008 0
          0.008 0.007 0 0 0 0 0
                                     0
                                        0.007 0 0.007 0 0.008 0
  0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                              0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                              0.006 0.008 0 0
                                     0 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                     0 0
                                           0
                                              0 0
                                                    0.007 0 0
           0
              0.007 0 0 0 0.008 0 0 0
                                            0.008 0
        0
0.008 0.008 0.007 0 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                   0.008 0.007
                 0.008 0 0.008 0 0 0 0.007 0
        0 0 0
                                             0.008 0
0.008 0 0.008 0
                    0.008 0 0.008 0.008 0 0
                                          0.008 0 0.008 0.008 0
              0
                 0
0.008 0 0 0.008 0
                 0
                    0
                       0 0 0 0 0.008 0
                                           0
                                              0.006 0 0 0
                    0 0.007 0 0 0 0 0
                                           0
     0.008 0.007 0
                 0
                                              0 0 0 0 0
     0 0.008 0.008 0.008 0 0
```

```
188 188:000054 215:000062 + 0
                              0
                                 0.006 0 0 0 0 0
0.006 0.008 0 0
                0
                    0
                       0
                          0
                              0.008 0.01 0
                                           0
                                              0
                                                 0.008 0
                                                          0.008 0.008
      0.008 0
               0 0.008 0
                              0
                                 0
                                     0
                                        0
                                           0.008 0
                                                    0.008 0
                                           0.008 0
      0.008 0
                       0 0
                                     0
                                        0
   0
               0.008 0
                              0
                                 0
                                                    0
                                                       0
                                                          0
                                                              0.008
                          0.007 0.007 0
        0
          0.007 0
                    0
                       0
                                           0.007 0.008 0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0
                                          0.008 0
                                                   0 0.008 0
0.008 0.008 0
             0
                0.008 0.008 0
                              0 0.008 0
                                            0 0
                                                    0
                                                          0.007 0.008
   0
                       0
                           0.008 0 0.008 0
                                              0
                                                  0.007 0
                                                           0.007 0
      0
          0
             0
                0
                    0
                                           0
0.007 0.008 0
                                   0
                                                0
             0
                0
                    0.008 0
                            0
                              0
                                      0
                                          0
                                             0
                                                    0.008 0
          0
             0
                0
                    0
                       0
                           0
                             0.008 0 0.008 0 0
                                                  0.007 0
                                                              0.007 0
      0.008 0.008 0
                    0
                       0
                          0 0 0
                                    0
                                        0.008 0 0.008 0.008 0
      0.01 0.008 0
                   0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
                    0.008 0 *0.011 0.008 0
0.008 0
           0.008 0
                                          0
                                             0
                                                0
   0.008 0
           0.008 0.007 0 0 0 0
                                         0
                                             0.007 0 0.007 0
                                     0
   0.008 0.008 0.008 0 0 0 0.008 0
                                                     0.008 0
                                         0.008 0 0
0.008 0 0.008 0 0
                    0.007 0.008 0 0.008 0
                                                    0.006 0.008 0
                                         0
                                             0
                                                0
0.008 0 0 0 0.008 0 0.006 0 0
                                            0
                                                0
                                          0
                                                    0
                                                       0
                                                          0.007 0 0
         0
             0
                0.007 0 0 0 0.008 0 0
                                           0 0
                                                  0.008 0
                  0.006 0.011 0.008 0.006 0 0.008 0.008 0
0.008 0.008 0.007 0
                                                          0.008 0.007
                    0.008 0
          0 0
               0
                           0.008 0 0 0 0.007 0
                                                    0.008 0
                                                0.008 0
       0.008 0
                       0.008 0
                              0.008 0.008 0 0
0.008 0
                0
                    0
                                                       0.008 0.008 0
0.008 0 0 0.008 0
                    0
                       0
                          0 0 0 0 0.008 0
                                                0
                                                    0.006 0
                                                           0 0
                       0 0.007 0 0 0 0 0
                                                0
   0 0.008 0.007 0
                    0
                                                    0 0
                                                          0 0 0
          0.008 0.008 0.008 0
                            0
 189 189:000054 34:0000095 + 0
                             0 0 0 0 0 0.008 0.006 0.008 0
               0.008 0
                      0 0
                             0.007 0.006 0
                                           0
                                             0.004 0 0.006 0 0.008
      0.007 0
               0
                  0.008 *0.013 0 0
                                  0
                                      0
                                         0
                                             0.006 0.006 0
                                                          0 0
                               0.004 0.006 0.008 0
          0.006 0
                     0 0 0
                                                 0.008 0.006 0
   0.006 0
           0
               0
                     0.008 0
                             0.006 0
                                             0 0.013 0 0
                  0
                                      0
                                         0
                                                               0.008
0.006 0
               0
                  0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0.008 0
                                                  0.01 0.008 0
   0 0
         0.008 0
                  0
                     0
                        0
                            0
                               0
                                  0
                                      0.006 0 0
                                                  0.006 0
                                                              0
       0.004 0 0.008 0.006 0.006 0
                                      0
                                         0.004 0.006 0
                                   0
0.006 0 0
           0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
                   0 0.007 0
                              0.008 0 0.01 0.007 0 0
           0.004 0
      0.006 0.008 0
                    0.006 0.007 0.006 0 0 0 0.006 0
                                                     0.004 0
   0.004 0
               0.008 0 0.006 0
                              0.008 0 0 0.006 0 0 0.008 0.008
0.006 0
       0
               0
                 0.006 0 0 0
                                 0
                                    0 0.006 0 0.006 0
                                                        0
           0
0.008 0.006 0.008 0
                     0
                        0
                            0 0
                                  0
                                     0.006 0
                                              0
                                                  0
                                                     0.008 0.006 0.008
                                        0
   0.013 0
           0.008 0
                    0 0 0
                             0 0
                                    0
                                           0
                                               0.008 0 0
                                                              0.006 0
   0.006 0
           0.006 0
                       0
                              0
                                 0
                                     0
                                           0
                                               0
                                                  0.008 0
                    0
                          0
                                        0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                            0.004 0
                                                    0
                                                       0
                                                           0.01 0
0.007 0
           0.008 0.006 0 0.006 0.006 0 0.006 0
                                              0
                                                  0.008 0.006 0
                                                               0.006
0.006 0.006 0
             0 0.006 0.006 0 0 0
                                       0
                                           0
                                                  0
                                                    0
                                                        0
                                              0
                                           0.008 0 0.008 0
0.008 0 0
          0 0.008 0.004 0 0 0 0.004 0
                                                            0.008 0
```

```
0.007 0.006 0.008 0 0 0
                               0.008 0 0 0
                                              0.008 0
0.006 0 0
          0.004 0
                   0.006 0.008 0
                                0
                                   0
                                     0
                                         0.008 0.004 0.006 0.006 0
  0 0.006 0
                 0 0
                       0.006 0
                                0
                                   0.006 0
                                           0
                                              0
                                                 0.008 0
0.004 0.006 0.004 0
                 0.008 0 0
                               0.008 0 0
                                                    0.006 0
                            0
                                           0
                                              0
                                                 0
 190 190:000055 65:0000165
                       + 0.023 0 0.006 0
                                         0 0
                                                0
                                                   0
                                                      0
0.022 0.006 0
                   0 0 0
                            0
                                   0
                                      0 0.013 0
               0
                              0
                                                 0
                                                    0
            0
                0
                   0.012 0 0 0 0 0.023 0
                                                0.013 0
                                                           0.023 0
         0
                                                        0
            0.023 0 0
                       0
                           0.022 0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                  *0.035 0
       0
           0
              0 0
                    0
                        0
                           0
                              0
                                 0
                                   0 0
                                          0 0 0.021 0 0
         0
                   0
                      0
                                   0
                                          0
                                             0
                                                0
                                                   0
                                                       0
            0
                0
                         0
                             0
                                0
                                      0
0.023 0
       0.012 0
                0.012 0.022 0
                                         0
                                                0.023 0
                            0
                               0
                                   0
                                      0
                                            0
                                                        0
                                                              0
      0
            0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                      0.013 0 0
                                                  0
                                                     0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0.022 0
                                                  0 0.012 0
         0
            0
                0
0.023 0 0
                0 0
                           0 0 0 0 0
                                              0
          0
              0
                       0
         0
            0
               0.023 0
                        0.023 0
                                0
                                   0
                                      0 0 0
                                               0
                                                   0
                                                      0
      0
      0.023 0
              0
                 0
                    0
                        0
                           0
                              0
                                 0
                                    0 0.023 0.032 0.023 0
         0.023 0
   0
                 0
                    0
                        0.013 0 0
                                   0 0
                                         0 0
                                                0
                                                   0
0.021 0 0
          0
              0
                 0
                    0
                        0
                           0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
0.021 0.023 0 0 0.023 0
                                    0.006 0
                                                0
                       0
                           0
                              0
                                 0
                                            0
                                                   0
                                                      0
      0.006 0
              0 0 0.023 0 0.021 0
                                    0
                                        0
                                           0
                                              0
                                                 0.023 0
                 0 0
                       0 0.023 0
                                                0
                                                   0
                                                      0
   0.021 0
          0
              0
                                   0
                                      0
                                         0
                                             0
                                                          0.006 0
   0.006 0.023 0 0 0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                      0
0.021 0 0
         0
              0 0 0 0 0 0.023 0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                0
               0
                      0
                         0
                            0.013 0
                                       0
                                              0
                                                     0
            0
                   0
                                    0
                                          0
                                                 0
0.006 0 0
              0
                 0 0
                           0
                             0 0 0.023 0 0 0 0
                                                      0 0
          0
                      0
                                      0
   0.023 0
              0
                 0.021 0
                         0
                            0
                                0
                                   0
                                            0.006 *0.035 0.006 0
 191 191:000055 8:0000019
                       + 0
                            0
                               0
                                   0
                                      0
                                         0
         0.006 0
                 0
                    0 0
                           0
                                 0
                                    0.006 0
                                            0
                                                0 0.006 0
                              0
   0
      0.006 0
              0
                 0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0
                                          0
                                              0
                                                 0 0
            0.006 0 0.006 0
                            0.006 0
                                        0.006 0
         0
                                    0
                                                0
                                                   0
0.006 0 0.035 0
                0 0
                      0 0
                            0
                                0
                                   0
                                      0.006 0
                                              0
                                                 0
                                                     0
0
      0
         0
            0
               0.006 0
                       0
                          0.006 0
                                   0
                                      0
                                         0 0
                                                0
                                                   0.006 0
                0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0.006 0
                                                 0.006 0 0.035 0
      0.006 0 0 0 0.035 0
                                0.035 0
                                        0 0.006 0.006 0
                            0
0.035 0.006 0.006 0
                 0
                    0
                       0.006 0
                                0.006 0
                                        0.006 0
                                                0
                                                   0
                                                      0
                                                         0.006 0
         0
            0
               0
                   0
                     0
                         0
                             0
                                0.035 0.006 0 0
                                                0
                                                   0
                                                      0
                                                          0
   0.006 0
          0 0 0 0.006 0
                            0
                                0.006 0
                                        0.035 0
                                                0.006 0
   0.006 0.006 0
               0 0
                      0
                             0
                                0
                                   0
                                      0
                                         0
                                                   0 0
                         0
                                             0
                                                0
                                                          0
      0.006 0.035 0.006 0 0 0
                             0 0
                                   0
                                        0
                                          0
                                              0
                                                 0
                                                   0
                                                        0.006 0
0.006 0 0
          0 0.006 0 0 0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0.006 0
                                                        0
        0 0.035 0 0
                      0 0
                              0
                                 0
                                    0 0
                                              0
                                                  0.006 0
0.006 0.006 0 0 0 0 0.035 0
                              0
                                 0
                                    0.006 0 0
                                                0
                                                   0
                                                     0
                                                         0
                                                                O
          0
              0
                0 0
                       0
                          0
                              0.006 0.035 0
                                          0
                                              0
                                                 0.035 0
  0 0 0 0 0 0 0 0 0 0 0 0.006 0 0
                                                  0 0.006 0.006 0
```

```
0.006 0
             0.006 0
                    0.006 0 0.006 0
                                  0
                                      0
                                         0
                                            0 0.006 0 0 0
                                         0.006 0
0.006 0 0
         0
             0.006 0 0 0
                          0
                             0
                                0
                                   0
                                      0
                                                0.035 0.006 0
        0.006 0.006 0
                    0 0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0 0 0 0
                                                  0.006 0 0
        0.006 0
                0.006 0.006 0.035 0.006 0 0.006 0
  0
      0
                                            0
                                               0
                0.006
        0.035 0
 192 192:000056 65:0000165 + 0.023 0 0.006 0
                                      0 0 0 0
0.022 0.006 0
           0 0 0 0 0 0 0 0 0 0.013 0 0 0 0 0
     0
        0
            0
              0 0.012 0 0 0 0 0.023 0 0.013 0
           0.023 0 0 0 0.022 0 0 0 0 0 0 *0.035 0
0.023 0 0 0
             0 0 0
                     0 0
                           0 0 0 0 0 0 0.021 0 0
        0
           0
              0 0 0 0
                          0 0
                                0
                                   0
                                      0 0
                                            0
                                               0
0.023 0 0.012 0
              0.012 0.022 0
                          0
                            0
                                0
                                   0
                                      0 0
                                            0.023 0
        0
              0 0
                    0
                          0
                             0
                                0
                                   0.013 0 0
                                             0
                                                0
     0
           0
                       0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0.022 0
                                             0 0.012 0
            0
              0
0.023 0 0
        0 0 0 0
                     0 0 0 0 0 0 0 0 0
        0
           0
              0.023 0
                      0.023 0 0
                                0 0 0 0
                                            0 0
     0.023 0 0
                0
                  0
                      0
                         0 0 0 0 0.023 0.032 0.023 0
     0 0.023 0
                0
                  0
                      0.013 0 0 0 0 0 0 0
0.021 0 0 0 0
               0
                   0
                      0 0 0 0
                                 0 0 0 0 0
0.021 0.023 0 0 0.023 0
                      0
                         0
                            0
                              0
                                 0.006 0 0 0 0
                                                  0
     0.006 0
               0 0.023 0 0.021 0 0
                                             0.023 0
            0
                                    0
                                       0
                                           0
                                                        0
         0 0
               0 0 0 0.023 0
                                0
                                   0
                                      0
                                            0
                                               0
                                                     0.006 0
                                         0
  0.006 0.023 0 0 0 0 0 0
                               0 0
                                      0
                                         0
                                            0
                                               0
                                                  0
                     0 0 0.023 0
                                      0
                                            0
         0 0
               0 0
                                   0
                                                  0
  \begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.013 & 0 & 0 & 0 & 0 & 0 & 0 \\ \end{smallmatrix}
0.006 0 0 0 0 0
                     0 0 0 0 0.023 0 0 0
                                                  0
  0.023 0
         0
            0
               0.021 0 0
                          0 0
                                0
                                   0
                                      0
 193 193:000056 34:0000095 + 0
                          0
                             0
                                0
                                   0
                                      0 800.0 800.0 0
0.006 0 0
         0
             0.008 0 0 0
                          0.007 0.006 0
                                      0
                                        0.004 0 0.006 0 0.008
               0.008 *0.013 0 0 0 0 0
                                        0.006 0.006 0 0 0
  0 0.007 0
            0
        0.006 0
                0
                  0 0 0
                           0.004 0.006 0.008 0 0.008 0.006 0
  0.006 0
          0
            0
                0
                   0.008 0 0.006 0
                                  0
                                    0
                                       0 0.013 0 0 0
                                                       0.008
             0
                0
                   0
                     0
                         0
                            0
                               0
                                  0
                                    0.008 0
                                            0.01 0.008 0
   0 0.008 0
                   0
                         0 0 0
                                 0.006 0 0
                                            0.006 0
               0
                     0
0.006 0 0.004 0 0.008 0.006 0.006 0
                                 0
                              0
                                    0.004 0.006 0
0.006 0 0
         0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
          0.008 0
  0 0.006 0.008 0
                 0.006 0.007 0.006 0 0 0 0.006 0 0.004 0 0.007 0
             0.008 0 0.006 0
                           0.008 0 0 0.006 0 0 0.008 0.008
  0.004 0
0.006 0 0
               0.006 0 0 0 0 0.006 0 0.006 0 0
          0
             0
0.008 0.006 0.008 0
                  0 0 0 0 0 0.006 0
                                        0
                                            0 0.008 0.006 0.008
  0.013 0
          0.008 0
                 0 0 0 0 0
                                0
                                   0
                                      0
                                         0.008 0 0
                                                       0.006 0
                                                   0
  0.006 0
          0.006 0
                 0
                    0 0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0 0.004 0 0 0 0.01 0
```

```
0 0.008 0.006 0
                           0.006 0.006 0 0.006 0
                                                  0
                                                      0.008 0.006 0
                                                                     0.006
0.006 0.006 0
              0
                 0.006 0.006 0
                                0
                                    0 0
                                          0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                     0
                0.008 0.004 0
                               0
                                 0 0.004 0
                                               0.008 0
                                                        0.008 0
                                                                  0.008 0
                                                     0.008 0
         0.007 0.006 0.008 0
                                    0.008 0 0
0.006 0
                           0
                                0
                                                 0
                                                              0
                                                                  0
                                                                     0
                                                                         0
0.006 0
                     0.006 0.008 0
            0.004 0
                                    0
                                        0
                                           0
                                               0.008 0.004 0.006 0.006 0
   0 0.006 0
                    0 0
                           0.006 0
                                        0.006 0
                                                     0
                                                        0.008 0
                0
                                    0
                                                 0
                                                                  0.004
                                                     0
0.004 0.006 0.004 0
                   0.008 0
                             0
                                0
                                    0.008 0
                                             0
                                                 0
                                                        0
                                                            0.006 0
 194 194:000056 22:0000060
                           + 0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                 *0.116 0 0
              0 0
                      0
                         0
                             0
                                             0
                                                  0.01 0
                                                           0
                                                              0.01 0
            0
               0.01 0
                               0
                                   0
                                       0.01 0
                                               0.01 0
                                                               0
0.01 0
       0
                       0
                            0
                                                        0
                                                            0
0.01 0
       0.01 0
                                                         0.01 0
                0
                    0
                        0
                            0
                               0
                                   0
                                       0
                                           0
                                             0
                                                  0
                                                     0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                       0
                                            0.01 0
                                                    0
                                                        0 0.01 0
0.116 0.01 0.01 0
                  0.01 0
                           0
                               0.01 0
                                       0
                                           0.01 0
                                                   0
                                                      0
                                                           0
                                                              0.01 0
   0.01 0
            0
                           0
                               0.01 0
                0
                   0
                       0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
0.01 0
        0
            0
                0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0.01 0
                                                             0
                                                                 0
   0
       0
           0.01 0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
0.01 0
        0
            0
                0
                   0
                       0
                           0
                              0
                                  0
                                      0.01 0.01 0
                                                   0
                                                      0
                                                           0
                                                              0
                                                                      0
        0.01 0.01 0
                      0
                         0
                             0
                                 0
                                    0.116 0.01 0
                                                  0
                                                      0
                                                          0
                                                              0
                                        0.01 0 0
                   0.01 0 0
                               0.01 0
0.01 0
        0
            0
                0
                                                   0
                                                        0
                                                               0
           0
              0.01 0
                       0.01 0
                               0
                                   0
                                     0
                                          0
                                             0
                                                  0
                                                     0
                                                         0
                                                             0
            0
                0.01 0
                       0.01 0
                                 0
                                    0
                                        0
                                            0
                                                0.01 0
0.01 0
        0
                                                        0
                                                            0.01 0
                                                                    0
                                                                        0
       0.01 0
                0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                        0
                                                                       0
                                                     0
                                                            0
0
   0
       0.01 0
                0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                                0
                                                                       0
                                                            0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0.01 0.01 0
                                                                 0
            0.01 0 0
                               0
                                   0
                                                  0
                                                     0
                                                         0
                                                            0 0.01 0
0.01 0
        0
                       0
                            0
                                       0
                                          0
                                              0
              0.01 0
                       0
                          0
                              0.01 0
                                      0.01 0
                                                0
                                                   0
                                                       0.01 0 0.01 0.01 0
0
   0.01 0
            0
                0.01 0
                        0.01 0
                                0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0.01 0
0
                             0.01 0
                                      0 0
                                                    0
                                                        0
                                                            0
   0
       0
              0
                  0
                      0
                         0
                                             0
                                                 0
                         0
                             0.01 0.01 0.01 0
           0
              0
                  0
                      0
                                               0
                                                   0
 195 195:000056 215:000062
                                    0.006 0 0
                                                    0
                                                        0
                                                           0
                                                                0.007 0
                           + 0
                                 0
                                                0
0.006 0.008 0 0
                  0
                      0
                         0
                             0
                                 0.008 0.01 0
                                               0 0
                                                      0.008 0
                                                               0.008 0.008
       0.008 0
                0
                    0
                       0.008 0
                                 0
                                    0
                                        0
                                            0
                                               0.008 0
                                                        0.008 0
                                                                  0
                                                                     0
       0.008 0
                0.008 0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0.008 0
                                                        0
            0.007 0 0
                         0 0.007 0.007 0
                                               0.007 0.008 0
                                                                 0.008 0
0.008 0
        0
                                          0
                                                              0
0.008 0.008 0.008 0
                          0.01 0.008 0.008 0
                   0
                       0
                                              0.008 0
                                                        0
                                                           0.008 0
                                                                0.007 0.008
0.008 0.008 0
              0
                  0.008 0.008 0
                                0 0.008 0
                                                 0
                                                    0
                                                        0
                                                            0
                             0.008 0 0.008 0
   0
       0
           0
              0
                  0
                         0
                                               0
                                                   0
                                                       0.007 0
                                                                0.007 0
0.007 0.008 0
                      0.008 0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                        0.008 0
              0
                  0
                               0
                                 0
                                                                  0
                                                                     0
   0
                                 0.008 0
                                         0.008 0 0
                                                      0.007 0
           0
              0
                         0
                             0
                                                                    0.007 0
0
       0.008 0.008 0
                         0
                             0
                                 0
                                   0
                                        0
                                           0.008 0
                                                     0.008 0.008 0
   0
                      0
                                                                    0
       0.01 0.008 0
                                           0.008 0.008 0.007 0.008 0
                     0.008 0.008 0
                                   0
                                       0
0.008 0 0
            0.008 0
                      0.008 0 *0.011 0.008 0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                               0.007 0
   0.008 0
            0.008 0.007 0
                          0
                               0
                                  0
                                      0
                                             0
                                                 0.007 0
                                                          0.007 0
                                                                    0.008 0
   0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                             0.008 0 0
                                                          0.008 0
                                                                   0.007 0
```

```
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0 0 0
                                                 0.006 0.008 0 0
0.008 0 0
          0 0
                0.008 0 0.006 0
                                 0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                       0.007 0
        0 0
               0.007 0 0 0 0.008 0 0 0
                                               0.008 0
0.008 0.008 0.007 0
                0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                       0.008 0.007
                                                   0
                   0.008 0 0.008 0
                                  0 0
                                        0.007 0
                                                 0.008 0
               0
0.008 0 0.008 0 0
                      0.008 0 0.008 0.008 0 0
                                             0.008 0 0.008 0.008 0
                   0
0.008 0
       0
          0.008 0
                   0
                      0 0 0 0 0 0.008 0
                                              0
                                                 0.006 0
   0 0.008 0.007 0
                   0
                      0
                         0.007 0 0 0
                                       0
                                         0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0
         0.008 0.008 0.008 0
                          0
 196 196:000056 40:0000107
                      + 0
                            0
                               0
                                  0
                                      0
                                         0
                                            0.006 0
                                                    0.006 0
      0.006 0
                    0 0 0 0 0.006 0
                                         0
                                               0.006 0
              0
                0
                                            0
                                                       0
                       0 *0.045 0
   0.006 0 0
              0
                 0
                    0
                                  0 0
                                         0
                                             0
                                                0
                                                   0
      0
         0
            0.006 0
                    0.006 0 0.006 0
                                   0
                                       0.006 0
                                               0
                                                  0
                                                      0
                                                         0
              0 0
                    0
                       0 0 0 0 0.006 0
                                               0
                                                   0
                                                      0
      0
         0
            0.006 0 0 0.006 0 0
                                      0
                                         0
                                           0
                                               0.006 0
                                                              0
                                                       0
            0
               0 0.045 0 0 0 0
                                   0
                                       0.006 0
                                               0.006 0
   0.045 0.006 0 0.006 0
                              0.006 0 0
                                          0
                                              0
                                                 0.006 0
                     0
                         0.006 0 0
            0
               0
                   0
                                   0 0
                                          0
                                              0
                                                0 0 0
                                                          0.006 0
         0.006 0 0 0.006 0
                            0
                               0
                                   0.006 0
                                          0
                                              0.045 0 0
                                                         0.006
0.006 0.045 0 0
               0
                   0
                      0
                            0
                               0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                      0
                         0
                                                  0
                                                         0
                                                               0
0.006 0 0.006 0
               0
                   0
                      0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                            0
                                               0.006 0
                                                       0.006 0
   0.006 0 0 0 0 0 0
                            0 0
                                   0.006 0
                                            0
                                               0
                                                   0 0
                                                         0
                                                            0.045
               0
                      0
                         0
                            0
                                   0
                                      0.006 0
                                                0 0
                   0
                               0
                                              0
                                                       0.006 0.006
                                         0 0
   0.045 0 0 0 0 0 0
                           0.006 0
                                   0
                                      0
                                                      0
                                                         0.006
                                               0 0
0.045 0 0
          0
              0
                0 0
                       0
                           0.006 0
                                   0
                                      0
                                         0.045 0
                                                 0
                                                    0
                                                       0
   0 0 0 0 0
                   0
                      0
                         0
                            0
                               0
                                   0.006 0
                                          0 0
                                                0.006 0.006 0
   0.006 0 0.006 0
                   0.006 0
                          0.006 0
                                  0.045 0
                                          0 0
                                                 0.006 0
0.006 0 0
          0
              0.006 0
                         0
                            0
                                   0
                                        0 0.006 0 0
                                                      0.006 0
                      0
                               0
                                      0
   0 0.006 0.006 0
                                            0
                                                  0.045 0
                   0
                      0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                               0
0.045 0 0 0 0.006 0
                      0.006 0.006 0
                                  0.006 0 0.006 0 0 0.006 0
         0
            0
               0
                   0.006
     0
 197 197:000056 67:0000173
                                            0
                       + 0
                            0
                                0
                                   0
                                      0
                                         0
                                               0
                                                   0
                                                      0
                                0
                                         0.008 0 0 0.008 0
      0 0
            0
               0
                      0
                         0
                            0
                                   0
                                      0
                   0
0.008 0
       0
          0
              0.008 0
                      0
                         0
                            0
                               0
                                   0.008 0
                                          0.008 0
                                                 0
                                                      0
0.008 0 0.008 0
               0
                   0
                      0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                            0 0 0.008 *0.101 0
                            0
                                0
                                                       0.008 0
      0
         0
            0
                0
                   0
                      0
                         0
                                   0
                                      0
                                         0.008 0
                                                0 0
      0.008 0.008 0
                   0.008 0
                              0.008 0
                                         0.008 0
                                                       0
                                                          0.008 0
0
                          0
                                      0
                                                 0
                                                    0
      0.008 0
                           0
                              0.008 0
                                         0 0 0 0 0
                                                            0.008
              0
                 0
                    0
                       0
                                      0
0
   0.008 0
              0
                           0
                                              0
                                                 0.008 0
                                                         0
                                                            0
          0
                 0
                    0
                       0
                              0
                                 0
                                   0
                                       0
                                          0
            0.008 0
      0
         0
                    0
                       0
                           0
                              0
                                       0
                                           0
                                              0
                                                 0
                                                    0
0.008 0 0 0 0 0
                    0
                       0
                           0
                              0
                                 0.008 0.008 0
                                              0
                                                 0
                                                    0
                                                       0
                                                              0
0.008 0 0.008 0.008 0
                       0
                           0
                              0
                                    0.008 0
                                           0.101 0.101 0
0.008 0.008 0 0 0 0.008 0
                              0
                                 0.008 0 0.008 0
                                                 0
                                                    0
                                                       0
```

```
0 0.008 0
                            0.008 0
                                    0 0 0 0
                                                     0 0
   0.008 0
           0
              0.101 0.008 0.101 0.008 0
                                      0
                                         0
                                            0
                                                0
                                                   0.008 0
                                                               0.008
0
                0.008 0
                        0
                            0
                               0
                                   0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                0.008 0
0
   0
      0
          0
             0
                       0
                            0
                               0
                                   0
                                     0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                         0
                                                                 0
                                                        0.008 0.008 0
                0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                 0 800.0
                             0
                                           0
                                              0
                                                        0
         0.008 0
                                 0
                                    0
                                       0
                                                 0
                                                     0
                                                           0
                                                               0
        0
          0 0
                 0
                     0.008 0
                              0
                                 0
                                    0.008 0
                                            0.008 0
                                                     0
                                                        0
                                                           0.008 0
0.008 0.008 0 0 0.008 0
                        0
                            0.008 0
                                    0.800.0
                                            0 0 0
                                                          0
                                                             0
                                                      0
                            0
                                  0
                                     0 0.008 0 0
      0.008 0
              0
                 0 0
                        0
                               0
                                                     0
                                                        0
         0 0
                0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                       0.008 0.008 0.008 0
 198 198:000057 67:0000173
                        + 0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
         0
             0
                0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0.008 0 0 0.008 0
                    0
0.008 0
       0
          0
              0.008 0
                       0
                          0
                              0
                                 0
                                    0.008 0
                                           0.008 0 0 0
                                                                  0
0.008 0 0.008 0
                0
                       0
                          0
                              0
                                 0
                                    0
                                           0 0 0
                                                     0.008 *0.101 0
                                       0
   0
      0
         0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0.008 0
                                                  0 0
                                                         0.008 0
      0.008 0.008 0
                   0.008 0
                            0
                               0.008 0
                                       0
                                           0.008 0
                                                   0
                                                      0
                                                         0
0
      0.008 0
              0
                 0
                     0
                        0
                            0
                               0.008 0
                                       0
                                           0 0 0 0 0
   0.008 0
          0
              0
                     0
                        0
                            0
                               0
                                   0
                                     0
                                         0
                                            0
                                                0
                                                   0.008 0
             0.008 0
                            0
      0
         0
                     0
                        0
                               0
                                   0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                         0
                                                             0
0.008 0
       0
          0
              0
                     0
                        0
                            0
                               0
                                   0.008 0.008 0
                                                0
                                                   0
                                                      0
0.008 0 0.008 0.008 0
                     0
                        0
                            0
                               0
                                  0
                                     0.008 0 0.101 0.101 0
0.008 0.008 0 0
                0 0.008 0
                               0
                                  0.008 0
                                          0.008 0
                                                   0
         0
             0
               0
                   0.008 0
                            0.008 0
                                    0 0
                                           0 0 0 0 0
                                                           0
                                                               0 0
      0
              0.101 0.008 0.101 0.008 0
                                                   0.008 0
   0.008 0
           0
                                     0
                                         0
                                            0
                                               0
                                                               0.008
0
                0.008 0
                            0
                                         0
                                                0
   0
      0
          0
             0
                        0
                               0
                                   0
                                     0
                                            0
                                                   0
                                                       0
                                                          0
                                                             0
                                                                 0
0
                0.008 0
      0
          0
             0
                        0
                            0
                               0
                                   0
                                     0
                                         0
                                             0
                                                0
                                                   0
                                                       0
0
   0
      0
             0
                0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0.008 0.008 0
          0.008 0
                0 0.008 0
                                                        0
                              0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
0.008 0
       0
          0 0
                 0
                     0.008 0
                             0
                                 0
                                    0.008 0
                                           0.008 0
                                                        0
                                                           0.008 0
                                                     0
0.008 0.008 0 0 0.008 0
                       0 0.008 0
                                    0.008 0 0 0 0
                                                      0
                                                         0
      0.008 0.008 0.008 0
         0 0
               0
                   0
                      0
                          0
                              0
                                 0
                                    0
 199 199:000057 34:0000095
                       + 0
                              0
                                 0
                                    0
                                       0
                                          0
                                              0.008 0.006 0.008 0
              0.008 0 0 0
                             0.007 0.006 0 0
                                             0.004 0 0.006 0 0.008
0.006 0 0
          0
      0.007 0
              0
                  0.008 *0.013 0 0
                                  0
                                     0
                                         0 0.006 0.006 0
      0
          0.006 0
                  0
                     0 0 0
                               0.004 0.006 0.008 0 0.008 0.006 0
                                                              0.008
   0.006 0
           0
              0
                  0
                     0.008 0
                             0.006 0
                                      0
                                         0
                                            0 0.013 0 0 0
                                                               0.008
0.006 0
                            0
                                         0.008 0
                                                 0.01 0.008 0
       0
           0
              0
                  0
                     0
                        0
                               0
                                   0
                                      0
         0.008 0
                     0
                            0
                                   0
                                      0.006 0 0
                                                 0.006 0
                  0
                        0
                               0
0.006 0
       0.004 0 0.008 0.006 0.006 0
                                  0
                                      0
                                         0.004 0.006 0 0
                                                         0.006 0
0.006 0
           0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.004 0
                   0
                      0.007 0 0.008 0 0.01 0.007 0 0 0
      0.006 0.008 0
                   0.006 0.007 0.006 0 0 0 0.006 0
                                                    0.004 0
   0.004 0
           0 0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008
```

```
0 0 0.006 0 0 0 0 0.006 0
                                                  0.006 0 0 0 0 0
                                                      0.008 0.006 0.008
0.008 0.006 0.008 0
                  0
                      0
                         0
                             0
                                0
                                    0
                                       0.006 0
                                               0
                                                   0
   0.013 0
            0.008 0
                    0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.008 0
                                                         0
   0.006 0
                               0
                                      0
                                             0
            0.006 0
                    0
                       0
                           0
                                  0
                                         0
                                                0
                                                    0.008 0
                                                            0
                                                                0 0
0.008 0.008 0
             0.006 0.007 0.01 0.006 0
                                    0.006 0
                                             0.004 0
                                                      0
                                                             0.01 0
          0.008 0.006 0 0.006 0.006 0 0.006 0
                                                   0.008 0.006 0
        0
                                               0
                                                                 0.006
0.006 0.006 0 0
                0.006 0.006 0
                              0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                   0
0.008 0
        0
           0 0.008 0.004 0 0
                               0 0.004 0
                                            0.008 0
                                                     0.008 0
                                                              0.008 0
        0.007 0.006 0.008 0
0.006 0
                          0
                              0
                                  0.008 0 0
                                              0
                                                  0.008 0
0.006 0 0
            0.004 0
                    0.006 0.008 0
                                  0
                                     0
                                        0
                                             0.008 0.004 0.006 0.006 0
  0 0.006 0
               0
                  0 0
                         0.006 0
                                  0
                                      0.006 0
                                              0
                                                  0
                                                     0.008 0
0.004 0.006 0.004 0
                  0.008 0
                           0
                              0
                                  0.008 0
                                           0
                                              0
                                                  0
                                                     0
                                                         0.006 0
                                                                 0.008
 200 200:000057 34:0000095
                         + 0
                               0
                                  0
                                      0
                                         0
                                            0
                                                0.008 0.006 0.008 0
               0.008 0 0 0
                               0.007 0.006 0
                                            0
                                               0.004 0
       0
      0.007 0
               0
                   0.008 *0.013 0 0
                                    0
                                        0
                                           0
                                               0.006 0.006 0
                                                            0 0
          0.006 0
                   0
                      0
                         0
                             0
                                0.004 0.006 0.008 0
                                                   0.008 0.006 0
   0.006 0
            0
               0
                   0
                      0.008 0
                              0.006 0
                                       0
                                           0
                                              0 0.013 0 0 0
                                                                 0.008
0.006 0
       0
               0
                   0
                      0
                         0
                             0
                                 0
                                    0
                                       0
                                           0.008 0
                                                    0.01 0.008 0
          0.008 0
                                       0.006 0 0
      0
                   0
                      0
                         0
                             0
                                0
                                    0
                                                    0.006 0
        0.004 0
                 0.008 0.006 0.006 0
                                    0
                                       0
                                           0.004 0.006 0
                                                            0.006 0
0.006 0
               0
            0
   0.008 0
            0.004 0
                    0
                       0.007 0
                               0.008 0 0.01 0.007 0
                                                     0
                                           0 0.006 0
      0.006 0.008 0
                    0.006 0.007 0.006 0 0
                                                      0.004 0
                                                               0.007 0
               0.008 0
                       0.006 0
                                            0.006 0 0
   0.004 0
                                0.008 0
                                        0
                                                        0.008 0.008
                                  0 0 0.006 0 0.006 0 0
0.006 0 0
            0
               0
                  0.006 0 0 0
0.008 0.006 0.008 0
                  0
                      0
                        0
                             0
                               0
                                    0
                                      0.006 0
                                                0
                                                   0
                                                      0.008 0.006 0.008
   0.013 0
            0.008 0
                    0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.008 0
                                                         0
                                                                0.006 0
                                             0
   0.006 0
            0.006 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                                0
                                                    0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                    0.006 0
                                             0.004 0
                                                      0
                                                         0
                                                             0.01 0
           0.008 0.006 0
                         0.006 0.006 0
        0
                                       0.006 0
                                               0
                                                   0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0.008 0
               0.008 0.004 0
                               0
            0
                             0
                                    0.004 0
                                             0.008 0
                                                     0.008 0
                                                              0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                  0.008 0 0
                                              0
                                                  0.008 0
0.006 0
            0.004 0
                    0.006 0.008 0
                                             0.008 0.004 0.006 0.006 0
                                  0
                                     0 0
   0 0.006 0
               0
                  0 0
                         0.006 0
                                      0.006 0
                                              0
                                                  0
                                                     0.008 0
                                                              0.004
                                  0
0.004 0.006 0.004 0
                  0.008 0
                          0 0
                                  0.008 0
                                           0
                                              0
                                                  0
                                                     0
                                                         0.006 0
                                                                 0.008
 201 201:000058 40:0000107
                         + 0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.006 0
                                                         0.006 0
      0.006 0
                                    0.006 0
               0
                   0
                      0
                         0
                             0
                                0
                                             0
                                                0
                                                    0.006 0
                                                            0
                                                                   0
                             *0.045 0
               0
                      0
   0.006 0
                   0
                          0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                                  0
             0.006 0
                      0.006 0 0.006 0
                                           0.006 0
       0
          0
                                       0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
               0
                      0
                         0
                             0
                                 0
                                    0
                                       0.006 0
                                                    0
                                                       0
      0
          0
             0.006 0
                      0
                         0.006 0 0 0
                                         0
                                             0
                                                0
                                                    0.006 0
                                                                0
                                                                   0
                                                            0
                 0
                    0.045 0
                             0
                                0
                                    0
                                       0
                                           0.006 0
                                                    0.006 0
   0.006 0.045 0
                0
                    0 0 0 0 0 0 0 0.006 0.006 0 0
```

```
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0
                                            0
                                               0.006 0
         0
            0
               0
                  0
                    0
                        0.006 0
                                0
                                  0 0
                                        0
                                            0
                                              0
                                                  0
                                                    0
                                                        0.006 0
         0.006 0 0 0.006 0
                           0
                              0
                                 0.006 0
                                         0
                                            0.045 0
0.006 0.045 0 0
                     0
              0
                  0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                 0
                                                    0
                                                       0
0.006 0 0.006 0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0.006 0
                                                     0.006 0
                                  0.006 0 0
                                                0 0
  0.006 0 0 0 0 0 0 0 0
                                             0
                                                      0 0.045
            0
              0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0.006 0 0
                                              0 0
                                                    0.006 0.006
  0.045 0
         0 0 0 0 0
                        0.006 0
                                 0
                                       0 0
                                             0
                                                   0
                                                       0.006
                                    0
                                                0
             0
               0 0
                     0
                         0.006 0
                                 0
                                    0
                                       0.045 0
                                               0
                                                  0
     0
        0 0
              0 0
                     0
                        0
                           0
                              0
                                 0.006 0
                                        0 0
                                              0.006 0.006 0
0 0.006 0 0.006 0 0.006 0
                         0.006 0
                                 0.045 0
                                        0
                                            0
                                               0.006 0
0.006 0 0
         0 0.006 0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0 0.006 0 0 0.006 0 0
     0.006 0.006 0
                           0
                                       0
                                          0
                                             0 0.045 0
                  0
                     0
                        0
                              0
                                 0
                                    0
0.045 0 0 0 0.006 0 0.006 0.006 0
                                 0.006 0 0.006 0
                                               0 0
                                                     0.006 0
            0
              0.006
     0
        0
 202 202:000058 215:000062
                      + 0
                           0 0.006 0 0
                                        0 0
                                              0 0
                                                    0.007 0 0
                                      0 0 0.008 0 0.008 0.008
0.006 0.008 0 0 0 0 0 0
                           0.008 0.01 0
     0.008 0 0 0.008 0
                           0
                              0
                                 0
                                    0
                                       0.008 0
                                              0.008 0 0 0
     0.008 0 0.008 0
                    0
                                 0
                                       0.008 0
                        0
                           0
                              0
                                    0
                                              0 0
         0.007 0 0 0 0.007 0.007 0
                                       0.007 0.008 0
                                                   0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0
                                      0.008 0
                                                0.008 0
                                              0
0.008 0.008 0
               0.008 0.008 0 0 0 0.008 0
                                        0 0
                                               0
  0
      0 0
            0
               0
                  0
                     0 0.008 0 0.008 0 0 0 0.007 0
                                                     0.007 0
0.007 0.008 0
                               0
                                     0
                                        0 0
                                               0.008 0
            0
               0
                  0.008 0
                         0
                            0
                                  0
0
  0
      0
                        0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
         0
            0
               0
                  0
                     0
                          0 0 0 0.008 0 0.008 0.008 0
      0.008 0.008 0
                  0
                     0 0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
                                        0 0 0 0 0.007 0
0.008 0 0 0.008 0
                  0.008 0 *0.011 0.008 0
                                      0
0 800.0
          0.008 0.007 0 0 0 0 0
                                         0.007 0 0.007 0 0.008 0
                                  0
                                      0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                                0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                     0 0 0
                                               0.006 0.008 0 0
               0.008 0 0.006 0 0
0.008 0 0
         0 0
                                  0
                                         0
                                               0
                                                     0.007 0
0 0 0 0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
0.008 0.007
0 0 0
                  0.008 0 0.008 0
                                0 0
                                       0.007 0
                                               0.008 0
        0
            0 0
0.008 0 0.008 0 0
                  0
                     0.008 0 0.008 0.008 0 0
                                           0.008 0 0.008 0.008 0
0.008 0 0
         0.008 0
                  0
                     0 0 0 0 0 0.008 0
                                            0
                                               0.006 0
                                                     0 0
0 0 0.008 0.007 0
                  0
                    0
                        0.007 0 0 0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                                     0 0 0
         0.008 0.008 0.008 0
                         0 0
 203 203:000059 215:000062
                     + 0
                           0 0.006 0
                                        0
                                            0
                                               0
                                                  0
                                                     0.007 0 0
                                      0
0.006 0.008 0 0 0
                  0 0 0
                           0.008 0.01 0
                                       0 0
                                             0.008 0
                                                    0.008 0.008
     0.008 0 0 0.008 0
                           0
                              0 0
                                    0
                                       0.008 0
                                               0.008 0 0 0 0
     0.008 0
             0.008 0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0.008 0
                                               0
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0
                                       0.007 0.008 0 0 0.008 0
```

```
0 0.01 0.008 0.008 0 0.008 0
0.008 0.008 0.008 0
                  0
                                                       0
                                                           0.008 0
0.008 0.008 0
              0
                  0.008 0.008 0
                                0
                                   0 800.0
                                                 0
                                                    0
                                                        0
                                                            0
                                                                0.007 0.008
       0
              0
                  0
                         0
                             0.008 0
                                     0.008 0
                                               0
                                                   0
                                                       0.007 0
                                                                0.007 0
0.007 0.008 0
              0
                                                     0
                                                        0.008 0
                  0
                      0.008 0
                              0 0
                                      0
                                         0
                                             0
                                                0
                                                                 0
                                         0.008 0
                                                       0.007 0
   0
           0
              0
                  0
                         0
                             0
                                 0.008 0
                                                  0
                                                                    0.007 0
                         0
                                0
                                    0 0
                                           0.008 0 0.008 0.008 0
0
       0.008 0.008 0
                     0
                             0
                                           0.008 0.008 0.007 0.008 0
       0.01 0.008 0
                     0.008 0.008 0
                                   0
                                       0
0.008 0
        0
            0.008 0
                     0.008 0 *0.011 0.008 0
                                              0
                                                 0
                                                    0
                                                            0
                                                               0.007 0
                                                         0
                                                 0.007 0
   0.008 0
            0.008 0.007 0
                          0
                              0
                                 0
                                      0
                                         0
                                             0
                                                         0.007 0
                                             0.008 0 0
   0.008 0.008 0.008 0.008 0
                           0
                                0
                                   0.008 0
                                                          0.008 0
                                                                   0.007 0
        0.008 0
                 0 0.007 0.008 0
                                   0.008 0
                                             0
                                                 0
                                                    0
                                                        0.006 0.008 0
0.008 0 0 0 0.008 0 0.006 0
                                      0 0
                                             0
                                                0
                                                     0
                                                        0
                                                            0
                                                                0.007 0 0
                  0.007 0
                          0 0
                                 0.008 0
          0
              0
                                           0
                                               0
                                                   0
                                                       0.008 0
0.008 0.008 0.007 0
                   0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                          0
                                                               0.008 0.007
                      0.008 0 0.008 0
                                               0.007 0
                                                        0.008 0
          0
              0
                  0
                                       0
                                           0
0.008 0
        0.008 0
                         0.008 0
                                  0.008 0.008 0
                                                 0
                                                    0.008 0
                                                             0.008 0.008 0
                  0
                     0
0.008 0 0
           0.008 0
                     0
                         0
                             0 0
                                       0 800.0
                                                     0
                                                        0.006 0
                                    0
  0
      0.008 0.007 0
                     0
                         0
                             0.007 0
                                      0
                                         0
                                             0
                                                0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                   0
          0.008 0.008 0.008 0
                               0
 204 204:000059 70:0000179
                          + 0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                        0
                                            0
                                                0.007 0
                                                         0
          0
              0
                  0
                             0
                                 0
                                    0
                                                            0.007 0
                                                                      0
                      0
                         0
0.007 0
           0
                0.007 0
                         0
                             0
                                 0
                                    0
                                        0.007 0
                                                 0.007 0
        0
        0.007 0
0.007 0
                  0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0.007 0
                                                                       0
*0.038 0
                                   0.038 0
                                                    0.007 0
          0
             0
                 0.038 0.038 0
                               0
                                            0
                                                0
                                                                    0.007
          0 0.007 0.007 0
                             0.007 0
                                      0
                                         0.007 0 0
                                                      0.007 0
                                                                0
0.007 0
           0
                0.007 0
                         0
                             0
                                0
                                    0
                                        0.038 0.007 0
                                                      0
                                                              0
                                                                     0
   0.007 0
           0.007 0
                     0
                         0
                             0.038 0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                0
                                                                    0.007 0
                         0.007 0
              0
                  0
                      0
                                  0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                            0
                                                                    0
                                                                       0
0
          0.007 0
                       0
                               0
                                  0
                                      0
                                              0
                                                 0.007 0.007 0
   0
       0
                    0
                           0
                                          0
                                                                       n
           0.007 0
                    0.007 0.007 0
                                                     0.007 0
0
                                  0
                                      0
                                          0
                                             0
                                                 0
   0.007 0.007 0.038 0
                       0
                           0
                              0.007 0 0
                                          0.007 0
                                                    0.007 0
                                                              0
              0.038 0
                           0.007 0
                                    0.007 0.038 0
                       0
                                                  0
                                                      0
0.038 0 0.038 0
                  0.007 0
                           0
                              0 0.007 0
                                          0.007 0 0 0
                                                            0
                                                               0
                                                                   0.007 0
            0.038 0
                                         0.038 0
   0.007 0
                     0
                         0
                             0.007 0
                                      0
                                                  0
                                                      0
                                                          0
                                                              0
                             0.007 0
                                             0
                                                 0
                                                     0
                                                         0
                                                            0
                                                                    0
0
       0
           0
              0
                  0
                      0
                         0
                                      0
                                         0
   0
              0
                                    0
                                       0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
       0
           0
                  0
                      0
                         0
                             0
                                 0
                                                              0
0.007 0.007 0
              0
                  0
                     0
                         0.007 0
                                  0
                                      0.007 0
                                               0
                                                   0
                                                      0
                                                         0.038 0
   0
       0
              0
                  0.007 0
                           0
                              0
                                  0.038 0
                                            0.007 0
                                                     0
                                                        0
                                                            0.007 0
                    0.007 0.007 0
                                      0.007 0
0
   0
       0
           0.007 0
                                  0
                                               0
                                                 0.007 0
                                                            0.007 0
           0
                  0
                      0
                         0.007 0
                                      0
                                             0
                                                 0
                                                     0
                                                         0
                                                            0
                                                               0.007 0
   0
       0
              0
                                  0
                                          0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0 0
                                                              0.007 0.007
0.007 0
       0
            0
 205 205:000059 28:0000081
                           + 0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                           0
                                                              0
   0
       0
          0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0.008 0 *0.057 0.008 0 0
```

```
0.008 0
        0 0
               0.008 0
                        0
                            0
                               0
                                   0
                                       0.008 0
                                               0.008 0 0 0 0
                                                          0.008 0
0.008 0
        0.008 0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0.057 0
                                               0
                                                   0
                                                      0
                 0
                     0
                        0
                            0
                               0.057 0
                                       0 800.0 0
                                                    0
                                                        0
                                                           0.008 0
       0.008 0.008 0
                                 0.008 0
                                             0.008 0
                                                          0 0.008 0
0
                     0.008 0
                             0
                                          0
                                                      0
       0.008 0
               0
                   0
                      0
                              0
                                 0.008 0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                        0.008 0
                              0
                                        0.057 0
                                                     0
0
   0.008 0
               0
                   0
                      0
                                 0
                                     0
                                                 0
                                                                    0
           0
                          0
0
          0
              0
                 0.008 0
                          0
                              0
                                 0
                                     0
                                            0
                                              0
                                                   0
                                                      0
                                                          0
0
   0.008 0
            0
               0
                   0
                      0
                              0
                                 0
                                        0.008 0.008 0
                          0
                                     0
                                                      0
                                                          0
   0.008 0
            0.008 0.008 0
                                            0.008 0
                          0
                              0
                                 0
                                     0
                                        0
                                                   0
                                                        0
                                                           0
0.008 0.008 0 0.057 0
                      0
                          0.008 0
                                  0
                                      0.008 0
                                               0.008 0
                                                        0
                                                           0.057 0
                 0 0
                        0.008 0
                                0.008 0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                 0 0.008 0 0.008 0
0
       0.008 0
               0
                                       0
                                           0
                                               0
                                                   0
                                                      0.008 0
                                                              0
                                                                  0.008
0
                 0.008 0
                                                   0
                                                             0.057 0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                      0
                                                          0
0
   0
       0
                 0.008 0
                              0
                                     0
                                        0
                                            0
                                                   0
                                                          0
                                                             0
                                                                 0
          0
              0
                         0
                                 0
                                               0
                                                      0
0
   0
                                                            0.008 0.008 0
       0
                 0
                     0
                       0
                            0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
0
          0.008 0
                     0.008 0
                               0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                                   0.057
       0
                  0
                                   0
                                                        0
                                                            0
                                                               0
0
   0.008 0
                  0 0
                         0.008 0
                                   0
                                      0
                                          0.008 0
                                                   0.008 0
                                                                   0.008
            0 0
                                                           0
                                                               0
0
   0.008 0.008 0
                0 0.008 0 0.057 0.008 0
                                           0.008 0
                                                    0
                                                           0
                                                               0
                                                                  0
                                                                      0
                                           0
                                              0.008 0
0
          0.008 0
                   0
                      0
                              0
                                0
                                     0
                                       0
                                                            0
                                     0
                                              0.008 0.008 0.008 0
       0
              0
                0
                     0
                        0
                            0 0
                                   0
                                          0
 206 206:000059 25:0000068
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0.006 0 0.006 0
                          + 0
       0.006 0
               0
                      0
                              0
                                0 0.006 0
                                             *0.037 0
                                                      0.006 0
                          0
0
   0
       0.006 0
               0
                      0
                          0
                              0
                                 0
                                    0
                                       0 0
                                               0
                                                   0
                                                     0
                                                          0
                                                            0
                   0
              0.006 0
          0
                      0.006 0
                               0.006 0
                                        0
                                            0.006 0
                                                    0
                                                           0
0.006 0 0
               0
                                     0
                                       0.006 0
                                                     0
                                                            0
           0
                   0
                      0
                          0
                              0
                                 0
                                                 0
                                                        0
          0
              0.006 0
                      0
                          0.006 0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0.006 0
          0.037 0
                  0
                      0
                          0
                              0
                                0
                                    0.037 0
                                             0.006 0
                                                      0.006 0.037 0
                              0
                                     0
                                               0.006 0.006 0
       0.006 0
               0
                      0
                          0
                                 0
                                       0
                                           0
0.006 0.006 0 0.037 0
                      0.006 0
                               0.006 0
                                        0.006 0
                                                0
                                                    0
                                                        0
                                                           0.006 0
              0
                 0
                     0
                        0
                            0
                               0
                                   0.006 0
                                            0.037 0
                                                     0
                                                            0
                                                                      0
0.006 0 0 0 0.006 0
                            0
                               0.006 0
                                        0
                                            0
                                               0.006 0
                                                        0
                                                           0
                                                               0
                                                                   0
0.006 0.006 0 0
                 0
                        0
                            0.037 0
                                    0
                                        0
                                            0
                                               0
                                                   0.037 0
   0 0.006 0
               0.006 0
                        0
                            0
                               0
                                      0
                                             0.037 0
                                                     0 0
                                                             0.006 0
                                   0
                                          0
0.006 0
        0
               0.006 0
                                                     0.006 0
           0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
       0
          0
                        0
                                   0
                                          0
                                                     0.006 0
              0
                 0
                     0
                            0
                               0
                                       0
                                              0
                                                 0
0.006 0.006 0 0
                 0
                     0
                        0
                            0
                               0.037 0
                                       0.006 0
                                                    0
                                                      0 0
                                                               0
                                                0
                         0.037 0 0 0.006 0
0.006 0
        0
           0.037 0.037 0
                                              0
                                                  0
                                                      0
                                                         0
                                                             0
0.037 0
               0
                   0 0
                         0 0
                                0 0
                                       0
                                           0 0
                                                   0.006 0
                                                           0
               0.006 0 0.006 0
                                0.006 0 0.006 0 0
0.006 0
        0
            0
                                                     0 0
                                                             0.037 0.006
          0.006 0
                   0 0
                         0.006 0
                                   0
                                      0 0
                                             0
                                                0
                                                     0
                                                        0
                                                           0.006 0
                   0.006 0.006 0 0 0 0
            0
               0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                    0
                     0.006 0
                              0.006 0.006 0
                                           0.006 0
                                                    0.006 0
                                                             0
       0
          0
              0 0
          0 0 0 0
0.006 0 0
                              0.006
```

```
207 207:000059 65:0000165 + 0.023 0 0.006 0
                                        0 0 0 0
0.022 0.006 0
           0
               0
                  0 0 0
                           0 0
                                  0
                                     0
                                        0.013 0
                                               0
                                                   0
               0
                  0.012 0
                          0 0 0 0 0.023 0
                                              0.013 0
                                              0 *0.035 0
         0
            0.023 0 0 0 0.022 0
                                 0 0
                                        0 0
          0
             0
                    0
                      0
                          0
                             0
                                0
                                   0
                                      0
                                         0 0
                                               0.021 0
         0
            0
               0 0 0
                        0
                           0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
0.023 0 0.012 0
               0.012 0.022 0
                           0
                              0
                                  0
                                     0
                                        0
                                           0
                                              0.023 0
                                  0
                                     0.013 0 0
         0
               0
                  0
                     0
                            0
                               0
                                                0
                                                   0
                         0
                                        0.022 0
         0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                                0 0.012 0
0.023 0 0
          0
             0
                0
                    0
                      0
                          0
                            0
                                0
                                  0 0 0
                                             0
                                                0
                                                   0
            0
              0.023 0
                       0.023 0 0
                                 0
                                     0 0 0 0
                                                 0
      0.023 0
            0
                0
                    0
                            0 0 0 0.023 0.032 0.023 0
                       0
                          0
         0.023 0
                 0
                    0
                       0.013 0
                               0
                                  0
                                     0
                                        0
                                           0
0.021 0 0 0 0
                    0
                       0
                          0
                                0
                                   0 0 0 0 0
                 0
                             0
0.021 0.023 0 0 0.023 0
                       0
                          0
                             0
                                0
                                  0.006 0
                                           0
                                              0
      0.006 0 0 0
                   0.023 0 0.021 0
                                                0.023 0
                                   0
                                      0
                                         0
                                             0
   0.021 0
         0 0 0 0 0 0.023 0 0 0
                                        0
                                              0
                                           0
                                                 0
                                                        0.006 0
   0.006 0.023 0 0 0
                     0 0
                           0 0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
         0 0 0 0
                      0 0
                            0.023 0
                                     0
                                        0
                                              0
   0 0 0 0 0 0 0 0 0.013 0 0 0 0 0 0
                      0 0 0 0 0.023 0 0 0
0.006 0
       0
          0 0 0 0
                                                    0
         0 0 0.021 0 0
  0.023 0
                           0 0 0
                                     0
 208 208:000060 215:000062
                      + 0
                            0
                               0.006 0 0 0 0 0
                                                     0.007 0
0.006 0.008 0 0
                                          0 0.008 0
                 0
                     0
                        0
                           0.008 0.01 0
                                       0
                                                     0.008 0.008
     0.008 0 0 0.008 0
                            0
                                  0
                                     0
                                        0.008 0
                               0
                                                0.008 0
                                                       0
                                                          0
      0.008 0
             0.008 0
                     0
                        0
                            0
                               0
                                  0
                                     0
                                        0.008 0
                                                0
      0
          0.007 0 0
                     0 0.007 0.007 0
                                    0
                                        0.007 0.008 0
                                                    0
                                                       0.008 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0
                                       0.008 0
                                               0 0.008 0
0.008 0.008 0
               0.008 0.008 0 0 0.008 0
                                         0 0
                                               0
                                                      0.007 0.008
            0
                                                   0
                        0.008 0 0.008 0 0
  0
      0
         0
            0
               0
                  0
                     0
                                              0.007 0
                                                      0.007 0
0.007 0.008 0
            0
               0
                  0.008 0 0 0
                                0 0
                                      0 0 0
                                               0.008 0
                                                      0 0
                           0.008 0
                                  0.008 0 0
                                              0.007 0
         0
            0
                     0
                        0
      0.008 0.008 0
                  0
                     0 0 0 0 0 0.008 0 0.008 0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0
          0.008 0
                  0.008 0 *0.011 0.008 0
                                       0
                                         0 0 0
                                                   0
                                                     0.007 0
      0
   0.008 0
          0.008 0.007 0 0 0 0 0
                                      0
                                         0.007 0 0.007 0
   0.008 0.008 0.008 0 0 0 0.008 0
                                      0.008 0 0
                                                0.008 0
                                                         0.007 0
0.008 0 0.008 0 0
                  0.007 0.008 0 0.008 0
                                      0
                                         0
                                            0
                                                0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                      0 0
                                             0
                                                0
                                                   0
                                                      0.007 0 0
         0
            0
               0.007 0
                      0 0 0.008 0 0
                                        0 0
                                              0.008 0
0.008 0.008 0.007 0
                0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                 0
                                                     0.008 0.007
                  0.008 0 0.008 0
         0
                                 0
                                     0 0.007 0
                                                0.008 0
            0
              0
0.008 0
      0.008 0
               0
                  0
                     0.008 0
                            0.008 0.008 0 0
                                            0.008 0 0.008 0.008 0
0.008 0
                  0 0 0 0 0 0.008 0
      0 0.008 0
                                             0
                                                0.006 0
```

```
0.008 0.007 0 0 0 0.007 0 0 0 0 0
0
                                                              0 0
0
    0
            0.008 0.008 0.008 0
                                  0
                                      0
                             + 0
 209 209:000060 35:0000097
                                         0 0 0 0
                                                         0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                     0
                   0
                        0
                           0
                                 0
                                     0
                                         0.012 0 0
                                                       0
                                                           0
                                                               0
                                                                    0
                                                                        0
        *0.105 0
0
    0
                  0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                                0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                                 0
0
    0
        0.012 0
                          0
                              0
                                   0
                                       0
                                           0
                                                   0
                                                            0
0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
    0
        0
            0
                0
                    0
                        0
                                                                          0
                                                                              0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                      0
                                                          0
                                                                  0
                                                                          0
                                                                              0
                                   0
                                           0
                                                                              0
0
    0
        0
            0
                0.105 0
                          0
                              0
                                       0
                                               0
                                                   0
                                                       0
                                                           0
                                                                0.012 0
                                                                          0
                                                                                  0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                      0
0.012 0
          0
              0
                  0.105 0
                                     0
                                             0
                                                         0
                                                              0
                                                                      0
                                                                              0
                                                                                  0
                            0
                                 0
                                         0
                                                 0
                                                     0
                                                                  0
                                                                          0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0.012 0
                                                              0
                                                                   0
                                                                       0
0
    0
        0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0.105 0
                                                                            0
            0
                                             0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                              0
                                                                  0
                                                                      0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                              0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0.012 0.105 0.105 0
                                                                       0
                                                                            0
0
    0
        0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
            0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                              0
            0
                            0
                                     0
                                                                          0.012 0
0
    0
        0
                0
                    0
                        0
                                 0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
    0.105 0.012 0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                              0
    0
        0
            0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0.012 0
                                                           0
                                                                            0
0
                                                       0
                                                                0
                                                                    0
                                                                        0
                                                                                0
                     0 0
                              0
                                   0
                                      0
                                           0
                                              0
                                                   0
                                                       0
                                                            0
    0.012 0.012 0
                    0.012 0
                              0
                                  0
                                      0
                                           0
                                               0
                                                   0
                                                       0.105 0
                                                                 0
                                                                     0
                                                                          0
                                                                              0
                                                                                  0
 210 210:000061 210:000061
                                    0
                                            0
                                                 0
                                                     0
                                                         0
                                                                     0
                                                                          0
                                                                              0
                                                                                  0
                                0
                                        0
                                                             0
                                                                 0
                                 0
                                         0
                                             0
                                                 0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                              0
                             0
                                             0
    0
            0
                0
                    0
                        0
                                 0
                                     0
                                         0
                                                 0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
0.043 0
          0
              0
                  0
                      0
                          0
                              0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                            0
                                                                0
                                                                    0.043 0
                                                                              0
                                                                                  0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                              0
0
    0
        0
                    0
                             0
                                     0
                                                      0
                                                              0
                                                                              0
            0
                0
                        0
                                 0
                                         0
                                             0
                                                 0
                                                          0
                                                                  0
                                                                      0
                                                                          0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                              0
0
    0
                    0
                            0
                                     0
                                                     0
        0
            0
                0
                        0
                                 0
                                         0
                                             0
                                                 0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
0
    0
        0
                                         0
                                                          0
                                                              0
                                                                      *0.565 0
            0
                0
                    0
                        0
                             0
                                 0
                                     0
                                             0
                                                 0
                                                     0
                                                                  0
0
    0
                        0
                             0
                                         0
                                             0
                                                     0
        0
            0
                0
                    0
                                 0
                                     0
                                                 0
                                                          0
                                                              0
                                                                  0
                                                                      0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0.043 0
                                                                        0
                                                                            0
        0.043 0
                                                                0
                  0
                     0
                         0
                             0
                                   0
                                     0
                                           0
                                              0
                                                   0
                                                      0
                                                           0
0.043 0
          0
                  0
                          0
                              0
                                   0
                                       0
                                           0
                                              0
                                                   0
                                                       0
                                                           0
                                                                    0
                                                                            0
              0
                      0
                                                                0
                0
                   0
                        0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                      0
                            0
                                                                  0
    0.043 0
              0
                  0
                     0.043 0
                                0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0.043 0
                                                                        0
                          0
                  0
                              0
                                   0
                                       0
                                           0
                                              0
                                                   0
                                                           0
    0
        0
            0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                              0
0
                0
    0
        0
                    0
                        0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                      0
0
    0
        0
            0
                0
                    0
                        0
                             0
                                 0
                                     0.043 0 0 0
                                                      0 0
                                                              0 0
                                                                       0
```

```
211 211:000061 215:000062 + 0
                              0
                                 0.006 0 0 0 0 0
                                                          0.007 0
0.006 0.008 0 0
               0
                   0
                      0
                          0
                             0.008 0.01 0
                                          0
                                             0
                                                 0.008 0
                                                         0.008 0.008
      0.008 0
              0 0.008 0
                             0
                                 0
                                    0
                                       0
                                           0.008 0
                                                   0.008 0
   0
      0.008 0
                      0 0
                             0
                                    0
                                       0
                                           0.008 0
              0.008 0
                                 0
                                                   0
                                                      0
                                                          0
                                                             0.008
                          0.007 0.007 0
0.008 0
       0
          0.007 0
                   0
                       0
                                       0
                                           0.007 0.008 0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0
                                          0.008 0
                                                  0 0.008 0
0.008 0.008 0
             0
                0.008 0.008 0
                             0 0.008 0
                                            0
                                              0
                                                   0
                                                          0.007 0.008
   0
                       0
                          0.008 0 0.008 0
                                          0
                                              0
                                                 0.007 0
                                                          0.007 0
      0
         0
             0
                0
                    0
0.007 0.008 0
                                  0
                                                0
             0
                0
                    0.008 0
                            0
                              0
                                     0
                                         0
                                            0
                                                   0.008 0
   0
         0
             0
                0
                    0
                       0
                          0
                             0.008 0 0.008 0 0
                                                 0.007 0
                                                             0.007 0
      0.008 0.008 0
                   0
                       0
                          0 0
                                 0
                                    0
                                       0.008 0 0.008 0.008 0
      0.01 0.008 0
                   0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
           0.008 0
                   0.008 0 *0.011 0.008 0
                                         0
0.008 0
                                            0
                                                0
   0.008 0
           0.008 0.007 0 0 0 0
                                         0
                                            0.007 0 0.007 0
                                    0
   0.008 0.008 0.008 0 0 0 0.008 0
                                                    0.008 0
                                         0.008 0 0
0.008 0 0.008 0 0
                   0.007 0.008 0 0.008 0
                                                   0.006 0.008 0
                                         0
                                            0
                                               0
0.008 0 0 0 0.008 0 0.006 0 0
                                           0
                                                0
                                         0
                                                   0
                                                      0
                                                          0.007 0 0
         0
             0
                0.007 0 0 0 0.008 0 0
                                          0 0
                                                 0.008 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
0.008 0.008 0.007 0
                                                         0.008 0.007
                   0.008 0
                           0.008 0 0 0 0.007 0
         0 0
               0
                                                   0.008 0
       0.008 0
                       0.008 0
                              0.008 0.008 0
                                           0
                                               0.008 0
0.008 0
                0
                   0
                                                       0.008 0.008 0
0.008 0 0 0.008 0
                   0
                       0
                          0 0 0 0 0.008 0
                                                0
                                                   0.006 0
                                                           0 0
                          0.007 0 0 0 0 0
                                                0
      0.008 0.007 0
                   0
                       0
                                                   0 0
                                                         0 0 0
         0.800.0 800.0 800.0
                            0
                               0
 212 212:000061 25:0000068
                        + 0
                             0 0 0 0 0 0.006 0 0.006 0
                              0 0.006 0 *0.037 0 0.006 0
      0.006 0
              0
                  0
                     0
                        0
                            0
      0.006 0
              0
                  0
                     0
                        0
                            0
                               0
                                  0
                                     0 0
                                            0 0
                                                  0
                                                      0
         0 0.006 0
                                         0.006 0
                     0.006 0 0.006 0
                                     0
                                                 0
                                                    0
                                                        0
          0
              0
                            0
                               0
                                  0
                                     0.006 0 0
                                                 0
0.006 0 0
                 0
                     0
                        0
                                                     0
                                                        0
             0.006 0
   0
         0
                     0
                        0.006 0
                                 0
                                    0
                                       0
                                           0 0
                                                  0.006 0
0
   0
          0.037 0 0
                     0
                        0
                            0
                              0 0.037 0 0.006 0
                                                  0.006 0.037 0
                                   0
                                            0.006 0.006 0
      0.006 0
              0
                     0
                        0
                            0
                               0
                                     0
                                        0
0.006 0.006 0 0.037 0
                     0.006 0
                             0.006 0
                                     0.006 0
                                             0
                                                 0
                                                    0
                                                        0.006 0
                          0
                                 0.006 0
                                         0.037 0
         0 0 0
                   0
                       0
                              0
                                                 0
                                                     0
                                                        0
                                                                  0
                 0.006 0
                             0.006 0
                                            0.006 0
       0
          0 0
                          0
                                     0
                                         0
                                                        0
0.006 0.006 0 0 0
                       0
                          0.037 0
                                  0
                                     0
                                         0
                                            0
                                                0.037 0
                   0
                                                           0
  0
      0.006 0
              0.006 0
                       0
                          0
                             0
                                    0
                                       0
                                           0.037 0
                                                   0 0
                                                          0.006 0
                                 0
        0
              0.006 0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                  0.006 0
      0
         0 0
                0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0.006 0
0.006 0.006 0 0
                0
                   0
                       0
                          0
                             0.037 0
                                     0.006 0
                                              0
                                                 0
                                                        0
                                                     0
0.006 0
           0.037 0.037 0
                        0.037 0 0 0.006 0
                                            0
                                               0 0
                                                      0
0.037 0
              0 0 0
                        0 0
                              0 0 0 0
                                           0
                                                0.006 0 0
                                                              0.006
        0
                                                           0
0.006 0
              0.006 0
                      0.006 0
                              0.006 0
                                      0.006 0
                                               0
                                                   0 0
                                                          0.037 0.006
           0
0 0 0 0.006 0 0
                       0.006 0 0 0 0 0 0 0 0.006 0
```

```
0.006 0 0 0 0.006 0.006 0 0 0
                                        0 0
         0
            0
               0 0.006 0 0.006 0.006 0
                                       0.006 0 0.006 0
          0 0
                0 0
                           0.006
 213 213:000061 215:000062
                       + 0
                                0.006 0
                                        0 0 0
                                                 0 0
                                                        0.007 0
                             0
0.006 0.008 0 0
               0
                   0 0
                         0
                            0.008 0.01 0
                                         0
                                            0
                                               0.008 0
                                                       0.008 0.008
      0.008 0
             0 0.008 0
                             0
                                   0
                                      0
                                         0.008 0
                                                 0.008 0
                                0
   0
      0.008 0
              0.008 0
                     0 0
                            0
                                0
                                   0
                                      0
                                         0.008 0
                                                           0.008
                                                 0
                                                    0
                                                        0
       0
          0.007 0
                   0
                      0
                         0.007 0.007 0
                                     0
                                         0.007 0.008 0
                                                      0
                0 0 0.01 0.008 0.008 0
0.008 0.008 0.008 0
                                         0.008 0
                                                 0 800.0
0.008 0.008 0
            0
                0.008 0.008 0
                            0 800.0 0 0
                                          0 0
                                                 0
                                                        0.007 0.008
                                                        0.007 0
  Ω
                         0.008 0 0.008 0 0
                                                0.007 0
      0
         0
            0
                0
                   0
                      0
                                              0
0.007 0.008 0
            0
                0
                   0.008 0
                           0 0
                                 0
                                    0
                                        0
                                          0
                                                 0.008 0
                            0.008 0 0.008 0 0
      0
         0
            0
                0
                   0
                      0
                         0
                                                0.007 0
                                                       0 0.007 0
      0.008 0.008 0
                      0
                         0 0 0 0 0 0.008 0 0.008 0
                   0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0
           0.008 0
                   0.008 0 *0.011 0.008 0
                                        0
                                          0 0
                                                 0
                                                     0
   0.008 0
           0.008 0.007 0 0 0 0 0
                                           0.007 0 0.007 0 0.008 0
                                        0
   0.008 0.008 0.008 0 0 0 0.008 0
                                       0.008 0 0
                                                   0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                       0
                                          0 0
                                                 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                        0
                                           0
                                                 0
                                                    0
                                                        0.007 0 0
               0.007 0 0 0 0.008 0 0
                                         0 0
                                                0.008 0
  0 0
         0
            0
                0.006 0.011 0.008 0.006 0 0.008 0.008 0
0.008 0.008 0.007 0
                                                 0.008 0
         0
            0 0
                   0.008 0
                          0.008 0 0 0 0.007 0
                                                        0 0
       0.008 0
                      0.008 0
                             0.008 0.008 0
                                              0.008 0 0.008 0.008 0
0.008 0
               0
                   0
                                          0
0.008 0 0 0.008 0
                   0
                      0
                         0 0000 0008 0
                                              0
                                                 0.006 0 0 0
     0.008 0.007 0
                      0
                         0.007 0 0 0 0 0
                                              0
                                                 0
                   0
                                                    0
                                                       0 0 0
         0.008 0.008 0.008 0
                           0
                              0
 214 214:000061 11:0000023
                      + 0
                            0 0 0 0 0
                                             0.006 0
                                                    0.006 0
        0
           0
               0.006 0
                       0
                          0
                             0
                                0
                                    0
                                      0
                                          0.006 0 0
                                                         0.006 0
         0 0.006 0 0
                          0
                             0 0
                                    0 0
                                          0 0
   0
                       0
                                                 0
               0 0.006 0.084 0.006 0
                                    0.006 0 0 0.006 0
0
              0
                0 0 0 0
                             0 0
                                    0 0 0.006 0 0
                                                      0
                                                         0
      0.006 0
                  0.006 0 0
0
               0
                              0.006 0 0 0
                                             0
                                                0
                   0 0 0 0
                                0 0
                                      0
                                         0
                                             0.006 0 0.006 0 0
0
   0
         0
                0
                       0
                             0 0
      0.006 0
              0
                0 0
                           0
                                    0 0
                                           0.006 0.006 0
0.006 0.006 0 0 0
                   0.006 0
                           0.006 0 0.006 0
                                           0
                                              0
                                                 0
                                                    0.006 0
                                                     0
                                                       0.084 0
                0
                   0
                      0
                         0
                             0.006 0
                                    0
                                       0
                                           0
                                              0
                                                 0
0.006 0
                0.006 0
                                           0.006 0
                                                      0
       0
          0
              0
                         0
                             0.006 0
                                    0
                                        0
                                                   0
0.006 0.006 0 0 0
                                                0
                                                   0.084 0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
  0
      0.006 0
              0.006 0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                      0.006 0.084
                      0
       0
              0.006 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0.006 0
      0
        0 0
               0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0
                                             0
                                                0.006 0
                                                              0
                                                        0
                                                           0
0.006 0.006 0 0
               0
                   0
                      0
                         0
                             0
                                0
                                   0.006 0
                                           0
                                              0
                                                 0
                                                              0
0.006 0 0 0 0 0 0 0 0.006 0 0
                                         0.084 0
                                                 0
                                                     0
                                                           0
                                                              0
```

```
0.006 0 0 0 0.006 0.006 0
         0 0 0 0
                     0 0 0 0 0
      0.006 0 0.006 0
                    0.006 0
                            0.006 0
                                   0 0
                                         0
                                             0
                                                0.006 0 0
      0 0.006 0
                    0 0 0 0
                                    0
                                       0 0.006 0
                                                     0.006 0 0
      0.006 0.006 0.084 0 0 0 0 0 0
                                     0 0 0
                                              0
                                                  0
                                                     0
                                                        0
         0.006 0 0.006 0.006 0 0.006 0
                                   0.006 0 0
                                              0
                                                  0.006 0
         0.006
      0
 215 215:000062 215:000062
                        0 0 0
                               0
                                    0 0 0 0 0 0
              0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0.011 0 0
                                              0.011 0
         0.011 0 0 0
                     0
                         0 0.011 0
                                    0.011 0 0
                                              0 0 0
0.011 0 0.011 0
              0
                     0
                        0
                           0
                              0
                                 0
                                    0 0 0 0 0.011 0 0
                  0
         0
                           0
                              0
                                    0.011 0 0 0 0.011 0 0 0
     0
            0
               0
                  0
                     0
                        0
                                 0
                         0.011 0
                                    0.011 0 0 0
   0.011 0.011 0
               0.011 0
                      0
                                 0
                                                  0 0.011 0
   0.011 0
         0
            0
                0
                   0
                      0
                         0.011 0
                                 0
                                    0 0 0
                                             0 0 0 0.011 0
0.011 0 0
             0
                   0
                         0
                            0
                                0 0 0 0 0.011 0 0
          0
                0
                      0
   0 0 0.011 0
                0
                   0
                      0
                         0
                            0
                                0
                                  0 0
                                        0
                                            0
                                             0 0 0
                                                        0
0.011 0
      0
         0
             0
                   0
                      0
                         0
                            0
                                0.011 0.011 0
                                            0
                                               0
                                                  0
0.011 0 0.011 0.011 0 0
                                  0.011 0 0
                      0
                         0
                            0
                               0
                                             0 0 0 0
                                                         0.011
         0 0 0.011 0 0 0.011 0
                                  0.011 0 *0.323 0
                                                  0 0
        0 0 0.011 0 0.011 0 0 0 0 0 0 0
                                                   0
                                                      0
0.011 0 0 0 0.011 0 0.011 0
                                  0
                            0
                               0
                                     0
                                        0.011 0 0 0.011 0
         0.011 0 0 0
                     0
                         0
                                0
                                  0
                                     0
                                         0
                                            0
                                                  0
     0
                            0
                                              0
                                                     0
                                                           0
         0.011 0 0 0
                     0
                         0
                            0
                                0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
      0
         0 0 0 0 0 0 0 0 0 0
                                          0 0.011 0.011 0
                                                          0 0
         0 0.011 0 0 0 0
                              0
                                 0 0
                                       0 0
                                             0
                                                   0
  0.011 0
                                                0
                                                          0.011
        0 0 0.011 0 0 0
                           0.011 0 0.011 0 0 0 0.011 0
                                                         0.011
0.011 0 0 0.011 0 0 0.011 0
                            0.011 0
                                   0
                                       0
                                         0
                                             0
                                               0
                            0 0.011 0
0.011 0 0 0 0 0 0
                     0
                         0
                                       0 0
                                             0
                                                0
                                                   0
                                                          0
                                                             0
  0 0 0 0 0
                           0
                              0.011 0.011 0.011 0 0 0
                  0
                    0
                        0
 216 216:000062 28:0000081
                      + 0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                0
                                                   0
                                    0
                                       0.008 0 *0.057 0.008 0
  0 0 0
            0
              0
                  0
                     0
                        0
                           0
                              0
                                 0
                                        0.008 0 0 0
0.008 0 0 0
             0.008 0
                     0
                        0
                           0
                              0
                                 0.008 0
0.008 0 0.008 0
               0
                  0
                     0
                        0
                           0
                              0
                                 0.057 0
                                        0 0 0 0.008 0
                           0.057 0
                                  0 0.008 0 0 0
                                                   0.008 0 0
         0
            0
               0
                  0
                     0
                        0
0
      0.800.0 800.0
                  0.008 0
                         0
                            0.008 0 0 0.008 0 0
                                                  0 0.008 0
      0.008 0
                                                   0
             0
                0
                   0
                      0
                         0
                            0.008 0 0 0 0
                                             0
                                                0
0
   0.008 0
         0
             0
                0
                   0
                      0
                         0
                            0
                                0
                                  0.057 0 0 0
                                                0.008 0
0
         0 0.008 0
                         0
                      0
                            0
                                0
                                   0 0
                                        0
                                            0
                                              0
                                                  0
   0.008 0
         0 0
               0
                   0
                         0
                                0
                                   0.008 0.008 0
0
                      0
                            0
                                              0
                                                  0
                                                        0
                                                           0
   0.008 0
          0.008 0.008 0
                      0
                                0
                                   0
                                      0.008 0 0
                                                   0
                         0
                            0
                                               0
0.008 0.008 0 0.057 0 0
                      0.008 0 0
                                0.008 0
                                        0.008 0
                                               0
                                                   0.057 0
              0 0.008 0
                            0.008 0
                                    0
                                       0
                                          0
                                             0
                                                0
                                                   0
0
      0.008 0 0 0.008 0
                          0.008 0
                                  0
                                     0
                                         0
                                            0
                                               0.008 0
                                                         0.008
                                                      0
               0.008 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0.057 0
0
   0
      0
         0
            0
               0.008 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0 0 0
```

```
0.008 0.008 0
        0 0 0 0 0 0
                           0
                              0
                                 0
                                    0
                                       0
                                         0
                                            0
        0.008 0
              0 0.008 0 0
                           0
                              0
                                 0
                                    0
                                      0
                                         0
                                            0
                                               0
                                                 0
                                                    0.057
        0 800.0 0 0 0
                           0
                              0
                                 0.008 0 0.008 0
                                                    0.008
  0.008 0.008 0 0 0.008 0 0.057 0.008 0 0.008 0 0
        0.008 0 0 0 0 0 0 0 0 0.008 0
                                               0
           0 0 0 0 0 0 0 0
                                   0.008 0.008 0.008 0
 217 217:000063 65:0000165 + 0.023 0 0.006 0
                                   0 0 0 0
0.022 0.006 0
          0
             0 0 0 0 0
                              0 0
                                   0.013 0
                                          0
                                             0
           0
             0 0.012 0 0 0 0 0 0.023 0 0.013 0 0
        0 0.023 0 0 0 0.022 0 0 0 0
                                         0 *0.035 0
0.023 0 0 0 0 0 0 0
                         0 0 0 0 0 0 0.021 0 0
             0 0 0 0
       0 0
                        0 0
                              0
                                 0
                                   0
                                      0
                                         0
                                            0
0.023 0 0.012 0
             0.012 0.022 0
                        0
                          0
                              0
                                0
                                   0
                                     0 0.023 0
                                                0
             0
                0
                   0
                        0
                           0
                              0
                                 0.013 0 0
           0
                      0
                                           0
        0
           0
             0
                0
                   0
                      0
                        0
                           0
                              0
                                 0 0.022 0 0 0.012 0
0.023 0 0
        0 0
              0 0
                    0 0 0 0 0 0 0
                                             0
        0 0 0.023 0
                    0.023 0 0 0 0 0 0 0 0
                         0 0 0 0.023 0.032 0.023 0
     0.023 0 0
              0
                 0
                    0 0
                    0.013 0 0 0 0 0 0
     0 0.023 0
               0
                 0
                                         0
                                            0
0.021 0 0 0 0
              0
                 0
                    0
                      0 0 0 0 0 0 0 0
0.021 0.023 0 0 0.023 0
                    0
                       0
                         0 0
                              0.006 0
                                         0
                                     0
                                            0
                                               0
  0 0.006 0 0 0 0.023 0 0.021 0 0
                                  0 0
                                          0.023 0
  0.021 0
        0 0 0 0 0 0.023 0 0 0
                                      0
                                         0
                                            0
                                               0
                                                  0.006 0
  0.006 0.023 0 0 0
                  0 0 0 0
                              0 0
                                   0
                                         0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                         0
                                               0
                                      0
                                            0
                                                       0
       0 0 0 0 0 0 0.013 0 0 0 0 0 0
      0
        0 0 0 0 0 0 0 0 0.023 0 0 0 0
                                                 0
  0.023 0
        0 0 0.021 0 0 0 0 0
 218 218:000063 218:000063
                     0.032 0 0
                               0 0 0 0
                                          0 0
                             0 0 0
                                      0
                                         0
                                            0
           0
             0
                0
                   0
                      0
                        0
                           0
     0
                0
                   0
                      0
                        0 0.032 0 0 0 0
                                         0.032 0
0
  0.032 0
         0
            0
              0 0
                   0 0 0 0 0 0
                                        0 0.032 0
                                                    0
                                                       0
     0
           0
             0
                0
                   0
                      0
                        0
                           0 0
                                 0 0
                                      0 0
                                            0
0
                                      0 0.032 0 0
  0
     0
           0
             0
                0
                           0
                              0
                                 0
                                    0
        0
                   0
                      0
                         0
0
  0
     0
        0
           0
             0
                0
                   0
                      0.032 0
                            0
                               0 0
                                    0
                                        0
                                          0 0
0
  0
     0
        0
           0
             0
                0
                   0
                      0
                         0
                           0
                              0
                                 0 0
                                      0 0 0 0
0
  0
     0
        0
           0
                0
             0
                   0
                      0
                        0
                           0
                              0
                                 0.032 0 0
                                         0 0 0
  0
     0
        0
           0
             0
                0
                   0
                              0
                                      0
                                         0
                                            0
                                              0.032 0
0
                      0
                        0
                           0
                                 0
                                    0
0.032 0
      0
        0
            0
              0 0 0 0 0 0 0 0 0 0 0.032 0
0
  0
        0
             0.032 *0.262 0.032 0
                            0 0
                                  0 0
                                        0 0 0.032 0
     0
           0
0
  0
     0
        0
           0
                   0
                      0
                         0
                           0
                              0
                                 0
                                    0
                                       0
                                         0
                                            0
0
     0
        0
           0
                   0
                      0
                         0
                           0
                              0
                                 0 0
                                      0.032 0 0 0.032 0 0
  0
             0
                0
        0
                   0
                         0
                           0
                              0
                                 0
                                    0
                                      0
                                         0 0
0
  0
     0
        0
           0
             0
                0.032\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
```

```
0.032 0 0 0 0 0 0 0 0 0 0 0 0 0 0.032 0
                                             0 0
           0
              0
                 0
                    0
                      0
                         0 0
                               0
                                  0
                                     0
                                        0
                                           0
0.032 0 0 0 0 0 0 0 0 0 0 0
                                         0 0 0
       0 0 0 0 0 0 0 0
     0
                                  0
                                    0
                                        0
                                           0
                                              0
                                                0
                                                   0
  0.032 0 0 0 0 0 0 0 0 0 0.032 0
                                                0
                                        0
                                           0
  0 0
 219 219:000063 65:0000165 + 0.023 0 0.006 0
                                     0 0
                                          0 0
                                                0
0.022 0.006 0
           0
             0 0 0 0
                        0 0
                               0
                                 0
                                     0.013 0
                                           0
                                               0
           0 0 0.012 0 0 0 0 0 0.023 0 0.013 0 0
           0.023 0 0 0 0.022 0 0 0 0
                                          0 *0.035 0
        0
0.023 0 0 0 0 0 0 0
                          0 0 0 0 0 0 0.021 0 0
     0
       0 0
             0 0 0 0
                        0 0
                               0
                                  0
                                    0
                                        0
                                          0
                                              0
0.023 0 0.012 0
             0.012 0.022 0
                         0
                            0
                               0
                                  0
                                     0
                                      0
                                          0.023 0
                                                 0
        0
                    0
                         0
                            0
                               0
                                  0.013 0 0
           0
              0
                 0
                      0
                                            0
                                              0 0
        0
           0
              0
                 0
                    0
                      0
                         0
                            0
                               0
                                  0
                                     0.022 0
                                           0 0.012 0
     0
0.023 0 0
         0 0
              0 0
                    0 0 0 0 0
                                   0
                                     0 0
                                            0
                                               0
        0 0 0.023 0
                     0.023 0 0 0 0 0 0 0 0
     0.023 0 0
               0
                  0
                     0
                        0
                          0 0 0 0.023 0.032 0.023 0
                     0.013 0 0 0 0 0 0
     0 0.023 0
               0
                  0
                                          0
                                             0
0.021 0 0 0 0
              0
                  0
                     0
                       0 0 0 0 0 0 0 0
0.021 0.023 0 0 0.023 0
                     0
                        0
                          0 0
                               0.006 0
                                       0
                                          0
                                             0
                                                0
                                                   0
                                                      0
  0 0.006 0 0 0 0.023 0 0.021 0 0
                                   0 0
                                         0
                                           0.023 0
  0.021 0 0 0 0 0 0.023 0 0 0
                                        0
                                           0
                                             0
                                                0
                                                   0.006 0
  0.006 0.023 0 0 0
                   0 0 0 0
                               0
                                 0
                                     0
                                        0
                                           0
                                                0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                          0
                                                0
                                        0
                                             0
                                                         0
     0 0 0 0 0 0 0 0.013 0 0 0 0 0 0
0.006 0
      0 0 0 0 0 0 0 0 0 0.023 0 0 0 0 0 0 0
  0.023 0 0 0 0.021 0 0 0 0
 220 220:000063 34:0000095
                    + 0
                         0
                            0
                               0
                                  0
                                    0
                                        0.008 0.006 0.008 0
0.006 0 0 0
            0.008 0 0 0 0.007 0.006 0
                                    0
                                       0.004 0 0.006 0 0.008
                                      0.006 0.006 0 0 0
     0.007 0
            0
               0.008 *0.013 0 0 0 0 0
     0
        0.006 0
               0
                  0 0 0 0.004 0.006 0.008 0 0.008 0.006 0
                                                     0.008
  0.006 0
            0
               0
                  0.008 0 0.006 0
                                0
                                   0 0 0.013 0 0 0
0.006 0 0
                       0
                           0
                                0 800.0
                                          0.01 0.008 0 0 0
         0
            0
               0
                  0 0
                             0
       0.008 0
                                0.006 0 0
               0
                  0
                    0
                        0
                           0
                              0
                                           0.006 0
0.006 0 0.004 0 0.008 0.006 0.006 0
                                0 0.004 0.006 0 0 0.006 0
         0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
  0.008 0
         0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0
     0.006 0.008 0
                 0.006 0.007 0.006 0 0 0 0.006 0
                                            0.004 0 0.007 0
  0.004 0
         0
            0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008
              0.006 0 0 0
                            0 0.006 0
                                         0.006 0
0.008 0.006 0.008 0
              0 0 0 0 0 0 0.006 0
                                       0
                                          0 0.008 0.006 0.008
  0.013 0
          0.008 0
                 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0.008 0
                                               0
                0 0
  0.006 0
          0.006 0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                          0.008 0
```

```
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0 0.004 0
                                                   0
       0
          0.008 0.006 0 0.006 0.006 0 0.006 0
                                             0
                                                0.008 0.006 0
               0.006 0.006 0 0 0 0
                                      0
                                          0
                                              0
                                                   0.008 0
                                                           0.008 0
        0 0 0.008 0.004 0 0 0 0.004 0
                                          0.008 0
       0.007 0.006 0.008 0
                                0.008 0
0.006 0
                         0 0
                                         0
                                            0
                                               0.008 0
0.006 0 0
                                    0 0
                                          0.008 0.004 0.006 0.006 0
           0.004 0
                   0.006 0.008 0
                                0
                        0.006 0
                                                  0.008 0
   0 0.006 0
              0
                 0 0
                                 0
                                    0.006 0
                                           0
                                               0
0.004 0.006 0.004 0
                 0.008 0
                          0
                            0
                                0.008 0
                                         0
                                            0
                                               0
                                                   0
                                                      0.006 0
                                      0 0 0.006 *0.035 0.006 0
 221 221:000063 8:0000019
                      + 0
                             0
                                0
                                   0
         0.006 0
                            0
                               0
                                  0
                                     0.006 0 0
                                                 0 0.006 0
                 0
                     0
                       0
      0.006 0
                                         0
                                                             0.035 0
0
              0
                  0
                     0
                        0
                            0
                               0
                                  0
                                     0
                                           0 0
                                                  0 0
             0.006 0 0.006 0 0.006 0
                                     0
                                         0.006 0 0
                                                   0
0.006 0
       0.035 0
                0 0
                      0 0
                             0
                                 0
                                    0
                                       0.006 0 0
                                                   0
                                                      0
                0.006 0 0 0.006 0
                                    0
                                          0 0
                                                 0 0.006 0
             0
                                       0
0
      0
          0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0.006 0
                                                  0.006 0 0.035 0
      0.006 0 0
                 0 0.035 0
                             0
                                 0.035 0
                                         0
                                           0 0.006 0.006 0
0.035 0.006 0.006 0 0 0
                       0.006 0
                                0.006 0 0.006 0
                                                 0
                                                    0
                                                           0.006 0
             0 0 0
                       0
                          0
                             0
                                 0.035 0.006 0
                                             0
                                                 0
                                                     0
                                                        0
                                 0.006 0
                                         0.035 0
   0.006 0
          0 0 0 0.006 0
                             0
                                                 0.006 0
                                                         0
   0.006 0.006 0 0 0
                      0 0
                             0
                                 0 0 0
                                          0 0
                                                 0
                                                     0
      0.006 0.035 0.006 0
                               0
                                     0
                                                         0.006 0
                        0 0
                                  0
                                         0
                                            0
                                               0
                                                   0
                                                     0
          0 0.006 0 0 0
                             0
                                 0
                                   0
                                       0
                                          0
                                              0
                                                 0.006 0
      0
         0 0.035 0 0 0 0
                              0 0 0 0
                                           0 0
                                                   0.006 0
                                                           0
                      0.035 0
                                  0
                                     0.006 0
0.006 0.006 0 0
                0
                  0
                               0
                                             0
                                                 0
                0 0 0 0
                              0.006 0.035 0 0
                                               0 0.035 0
0.006 0 0 0
              0
         0
             0
               0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0.006 0
                                                0
                                                   0
                                                      0.006 0.006 0
      0.006 0
              0.006 0
                       0.006 0
                               0.006 0
                                       0
                                          0
                                             0
                                                 0
                                                    0.006 0 0
                                           0
                                              0.006 0
                                                      0.035 0.006 0
0.006 0
      0
          0
              0.006 0
                       0
                          0
                             0
                                 0
                                    0
                                       0
         0.006 0.006 0
                      0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                    0
                                                        0
   0
                                                           0
                                                              0
         0.006 0
                  0.006 0.006 0.035 0.006 0 0.006 0
                                                 0
                                                    0
                                                        0.006 0
          0.035 0
   0
      0
                  0.006
 222 222:000064 34:0000095
                       + 0
                             0
                                 0
                                    0
                                       0
                                          0
                                              0.008 0.006 0.008 0
                                              0.004 0 0.006 0
              0.008 0 0 0
                             0.007 0.006 0
                                          0
      0.007 0
                  0.008 *0.013 0 0 0 0
                                         0
                                             0.006 0.006 0 0 0
              0
      0
          0.006 0
                     0
                        0
                            0
                               0.004 0.006 0.008 0
                                                 0.008 0.006 0
   0.006 0
           0
              0
                  0
                     0.008 0
                             0.006 0
                                     0
                                         0
                                            0 0.013 0 0 0
                                                              0.008
0.006 0 0
              0
                  0
                     0
                        0
                            0
                               0
                                  0
                                      0
                                         0.008 0
                                                 0.01 0.008 0
         0.008 0
                     0
                            0
                                  0
                                      0.006 0 0
                                                 0.006 0
      0
                  0
                        0
                               0
                                                         0
0.006 0
       0.004 0 0.008 0.006 0.006 0
                                  0
                                     0
                                         0.004 0.006 0 0 0.006 0
0.006 0
              0
           0
                       0.007 0
   0.008 0
           0.004 0
                   0
                              0.008 0 0.01 0.007 0
                                                   0
      0.006 0.008 0
                   0.006 0.007 0.006 0 0 0 0.006 0
                                                   0.004 0
                                                            0.007 0
   0.004 0
              0.008 0
                      0.006 0
                              0.008 0
                                      0 0.006 0
                                                  0
                                                      0.008 0.008
0.006 0 0
           0
              0
                  0.006 0 0 0 0 0.006 0 0.006 0 0
```

```
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0.271 0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
                                                                             0
                                                                                 0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                              0
                                                  0
                                                          0
                                                              0
                                                                  0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                       0
                                                                           0
                                                                               0
0
        0
    0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                       0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                                                                               0
0
        0
                0
                                 0
                                                  0
                                                                  0
    0
            0
                    0
                         0
                             0
                                     0
                                         0
                                             0
                                                      0
                                                          0
                                                              0
                                                                       0
                                                                           0
                                                                               0
0
    0
            0
                    0
                             0
                                     0
                                             0
                                                      0
                                                              0
                                                                       0
                                                                               0
        0
                0
                         0
                                 0
                                         0
                                                  0
                                                          0
                                                                  0
                                                                           0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                       0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                       0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                     0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0.047 0
 225 225:000065 4:0000011
                              +
                                0
                                    0
                                         0
                                             *0.392 0
                                                       0
                                                           0
                                                               0
                                                                    0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0.017 0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                             0
                                                                                 0
0
0
    0
        0
            0
                 0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                              0
                                                                  0
                                                      0
                                                          0
                                                                      0
0
    0
        0.017 0
                  0
                      0
                          0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
                                                                             0
0
    0
        0
            0
                 0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
                                                                               0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                       0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0.017 0
                                                                        0
    0
                             0
                                              0
                                                      0
0
        0
            0
                0
                    0
                         0
                                 0
                                     0
                                         0
                                                  0
                                                          0
                                                              0
                                                                  0
                                                                       0
0.017 0
          0
              0
                  0
                      0
                          0
                              0
                                   0
                                       0
                                           0
                                              0
                                                   0
                                                        0
                                                            0
                                                               0
                                                                    0
0
                             0
                                             0
                                                      0.017 0
                                                                    0
    0
        0
            0
                0
                    0
                         0
                                 0
                                     0
                                         0
                                                  0
                                                                0
                                                                        0
                                                                                 0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                                  0
0
    0
        0
            0
                0
                         0
                             0
                                 0
                                         0
                                                  0.392 0
                                                            0
                                                                0
                                                                    0
                                                                        0
                                                                             0
                    0
                                     0
                                             0
0
    0
        0
                                                                               0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
0
    0
        0
            0
                0
                             0
                                 0
                    0
                         0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                       0
                                                                           0
0
        0
                0
                         0
                                 0
                                         0
    0
            0
                    0
                             0
                                     0
                                             0
                                                  0.017 0
                                                            0
                                                                0
                                                                    0
                                                                       0
0
    0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                           0
0
    0
                                                                  0
        0
            0
                0
                    0
                         0
                             0
                                 0
                                     0
                                         0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                       0.017 0
                                                                                 0
    0.017 0
                  0
                          0
                                   0
                                           0
                                                                    0
                                                                        0
0
              0
                      0
                              0
                                       0
                                               0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                             0
                                                                                 0
                    0
                                         0.017 0
                0
                         0
                            0
                                 0
                                     0
                                                   0
                                                            0
                                                                    0
                  0
0.017 0 0
             0
                     0
                          0
                              0
                                   0
                                       0
                                           0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
                                                                        0
                                                                             0
                                                                                 0
    0.017 0.017 0
                   0.017 0
                                       0
                                           0
                              0
                                               0
                                                   0
                                                       0
                                                            0
                                                                0
                                                                    0
 226 226:000065 215:000062
                                         0.006 0
                                                                        0.007 0
                              + 0
                                     0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                    0
0.006 0.008 0 0
                    0
                        0
                            0
                                 0
                                     0.008 0.01 0
                                                     0
                                                        0
                                                             0.008 0
                                                                       0.008 0.008
                                                     0.008 0
        0.008 0
                  0
                      0
                          0.008 0
                                     0
                                         0
                                             0
                                                 0
                                                                0.008 0
    0
        0.008 0
                  0.008 0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0.008 0
                                                                0
                                                                    0
                                                                        0.008
             0.007 0
                            0
                                0.007 0.007 0
                                                                          0.008 0
                        0
                                                 0
                                                     0.007 0.008 0
                                                                      0
0.008 0.008 0.008 0
                     0
                          0
                             0.01 0.008 0.008 0
                                                    0.008 0
                                                                   0.008 0
                                                               0
0.008 0.008 0
                    0.008 0.008 0
                                    0 0.008 0
                                                       0 0
                                                                0
                0
                                                                        0.007 0.008
    0
        0
                                 0.008 0
                                           0.008 0
                                                     0
                                                         0
                                                              0.007 0
                                                                        0.007 0
            0
                0
                    0
                         0
                             0
0.007 0.008 0
                                           0
                                              0
                0
                    0
                        0.008 0
                                   0
                                       0
                                                   0
                                                       0
                                                           0
                                                               0.008 0
0
    0
        0
            0
                0
                             0
                                 0
                                     0.008 0
                                              0.008 0 0
                                                              0.007 0
                                                                        0
                                                                            0.007 0
                    0
                         0
0
    0
        0.008 0.008 0
                            0
                                 0
                                     0
                                         0
                                             0
                                                 0.008 0
                                                           0.008 0.008 0
0
    0
        0.01 0.008 0
                        0.008 0.008 0 0
                                                0.008 0.008 0.007 0.008 0
```

```
0.008 0 0.008 0 *0.011 0.008 0 0 0 0 0 0 0.007 0
0 0.008 0
         0.008 0.007 0 0 0 0 0
                                  0 0.007 0 0.007 0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                  0.008 0 0
                                           0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                  0 0 0.006 0.008 0 0
        0 0 0.008 0 0.006 0 0
                               0
                                           0
                                             0
\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0.007 & 0 & 0 & 0.008 & 0 & 0 & 0 & 0.008 & 0 \\ \end{smallmatrix}
0.008 0.007
  0 0
       0 0 0
                0.008 0 0.008 0 0 0 0.007 0
                                          0.008 0
0.008 0 0.008 0 0
                   0.008 0 0.008 0.008 0 0
                0
                                        0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                0 0 0 0 0 0.008 0
                                        0
                                           0.006 0 0 0
 0 0.008 0.007 0
                0 0 0.007 0 0 0 0
                                        0
                                           0 0
                                                0 0 0
        0.008 0.008 0.008 0 0
 227 227:000065 65:0000165 + 0.023 0 0.006 0 0 0 0 0 0
0.022 0.006 0
             0
                0 0 0 0 0 0 0 0.013 0 0 0
     0 0
           0 0 0.012 0 0 0 0 0 0.023 0 0.013 0 0
           0.023 0 0 0 0.022 0
                              0 0
                                    0 0
                                         0 *0.035 0
0
           0
             0 0 0 0
                        0 0
                              0
                                 0
                                   0 0
                                         0
0.023 0 0.012 0
             0.012 0.022 0
                        0
                              0
                                    0 0 0.023 0
                           0
                                 0
           0
             0
                0
                   0
                      0
                         0
                            0
                              0
                                 0.013 0 0
                                          0 0
                   0
                         0
                            0
                              0
                                 0
                                    0.022 0
  0
     0
        0
           0
             0
                0
                      0
                                          0 0.012 0
0.023 0 0 0 0 0
                    0 0 0 0 0
                                    0
                                        0
        0 0 0.023 0
                    0.023 0 0 0 0 0 0 0 0 0
     0
     0.023 0 0
                         0 0 0 0.023 0.032 0.023 0
               0
                  0
                       0
                    0.013 0 0 0 0 0 0 0
     0 0.023 0
                 0
               0
0.021 0 0 0 0
               0
                  0
                    0
                       0
                         0
                            0
                               0 0
                                     0 0 0 0
0.021 0.023 0 0 0.023 0
                    0
                       0
                         0
                             0
                               0.006 0 0
                                         0 0
                                               0
  0 0.006 0 0 0 0.023 0 0.021 0
                                        0
                                          0.023 0
                               0
                                  0
                                    0
        0 0 0 0 0 0.023 0 0
                                    0
                                         0
                                            0
                                               0
                                                  0.006 0
0 0.021 0
                                 0
                                       0
  0.006 0.023 0 0 0 0 0 0 0
                                 0
                                    0
                                       0
                                          0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                    0
                                       0
                                          0
                                            0
                                               0
                                                       0
       0 0 0 0
                  0 0
                        0.013 0 0 0 0
                                        0
                                          0
                                             0
0.006 0 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0
                        0 0 0 0 0
  0.023 0
            0
              0.021 0 0
 228 228:000066 215:000062
                    + 0
                         0
                           0.006 0 0 0 0 0 0.007 0
0.006 0.008 0 0 0 0 0 0
                         0.008 0.01 0
                                   0 0 0.008 0 0.008 0.008
     0.008 0 0 0.008 0
                         0
                            0
                              0
                                0
                                    0.008 0
                                          0.008 0 0
     0.008 0
            0.008 0
                   0 0
                         0
                           0
                              0
                                    0.008 0
                                 0
                                           0 0
        0.007 0 0 0 0.007 0.007 0 0
                                    0.007 0.008 0
                                               0
0.800.0 800.0 800.0
              0 0 0.01 0.008 0.008 0
                                   0.008 0
                                          0 0.008 0
0.008 0.008 0
             0.008 0.008 0 0 0.008 0
           0
                                     0 0
                                           0
                   0 0.008 0 0.008 0 0 0 0.007 0
  0
     0 0
           0
              0
                0
                                                0.007 0 0
0.007 0.008 0
           0
             0
                0.008 0
                       0
                         0
                             0
                               0
                                  0
                                     0 0
                                           0.008 0
0 0
     0 0
           0
             0
                0 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
```

```
0.008 0.008 0 0 0 0 0 0 0 0.008 0 0.008 0 0
     0.01 0.008 0
                0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
         0.008 0
                0.008 0 *0.011 0.008 0
                                    0 0 0
          0.008 0.007 0 0 0 0 0
                                       0.007 0 0.007 0
  0.008 0
                                    0
                                                      0.008 0
  0.008 0.008 0.008 0 0 0 0.008 0
                                    0.008 0
                                             0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                    0 0 0
                                            0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                    0 0
                                          0
                                             0
                                                   0.007 0 0
0 0 0 0 0 0.007 0 0 0.008 0 0 0
                                           0.008 0
0.008 0.007
 0 0
       0 0
             0
                 0.008 0 0.008 0
                               0 0 0.007 0
                                            0.008 0
                                                   0 0
0.008 0 0.008 0 0
                 0
                    0.008 0 0.008 0.008 0 0
                                          0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                 0
                    0 0 0 0 0 0.008 0
                                          0
                                            0.006 0 0 0 0
                                            0 0
  0 0.008 0.007 0
                    0 0.007 0
                             0 0 0 0
                                          0
                 0
                                                  0
 0 0
        0.008 0.008 0.008 0
                        0
 229 229:000066 70:0000179
                     + 0
                             0
                                0
                                   0
                                      0
                                         0 0
                                               0
                          0
  0 0 0 0
             0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0.007 0 0 0.007 0
0.007 0 0 0 0.007 0
                    0
                       0
                          0
                             0
                                0.007 0
                                      0.007 0 0
                                                 0
0.007 0 0.007 0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                     0
                                         0
                                           0
                                               0.007 0
                                      0 0.007 0 0
*0.038 0 0 0 0.038 0.038 0
                        0 0.038 0
                                   0
                                                      0.007
  0 0 0 0.007 0.007 0
                       0.007 0 0
                                0.007 0 0 0.007 0
                                                  0
0.007 0 0
         0 0.007 0
                   0 0
                         0 0
                                0.038 0.007 0
                                           0
                                             0 0
                                                    0
                                                       0
  0.007 0 0.007 0 0
                    0
                       0.038 0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                0
0
     0
        0
           0 0 0
                    0.007 0
                          0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0 0
                                                      0
                                                         0
        0.007 0
               0 0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0.007 0.007 0
                          0
        0.007 0 0.007 0.007 0
                              0
                                 0
                                    0
                                       0
                                          0.007 0 0
0
  0.007 0.007 0.038 0
                        0.007 0 0 0.007 0
                  0
                     0
                                          0.007 0
        0
           0.038 0
                  0
                     0.007 0 0.007 0.038 0 0 0 0
                                                 0
0.038 0 0.038 0
              0.007 0
                     0 0 0.007 0 0.007 0 0 0 0 0.007 0
  0.007 0
         0.038 0
                    0 0.007 0 0 0.038 0 0 0 0 0
                 0
                                                    0
     0
           0
              0
                 0
                    0
                       0.007 0 0 0 0 0 0 0
0
   0
     0
        0
           0
              0
                 0
                    0
                       0 0 0 0 0 0 0 0 0
                                                     0
0.007 0.007 0
                          0
                              0.007 0 0
                                           0
                                             0.038 0
           0
              0
                 0
                    0.007 0
                                        0
  0
     0
              0.007 0
                     0 0 0.038 0 0.007 0 0 0.007 0 0.007
           0
0
        0.007 0
               0.007 0.007 0 0 0.007 0 0 0.007 0
  0
                                                0.007 0
                    0.007 0
                           0 0 0 0 0 0 0 0 0.007 0 0
           0
              0
                 0
                    0 0 0 0 0 0 0 0 0 0 0.007 0.007
  0
        0
           0
              0
                 0
     0
0.007 0 0
         0
 230 230:000066 25:0000068
                          0
                             0
                               0 0
                                     0 0.006 0 0.006 0
                     + 0
                       0 0 0.006 0 *0.037 0 0.006 0
     0.006 0
                   0
                     0
0
  0
     0.006 0
                              0
                                0 0
             0
                0
                   0
                     0
                        0
                           0
                                      0 0 0 0
                                                  0
        0 0.006 0
                   0.006 0 0.006 0
                                0
                                    0.006 0
                                           0 0
0.006 0 0 0 0 0
                   0
                     0
                        0
                          0 0 0.006 0 0 0
                                               0 0 0
   0
        0
           0.006 0
                   0
                     0.006 0 0 0 0
                                     0 0
                                            0.006 0
  0
        0.037 0 0
                  0 0 0 0 0.037 0 0.006 0 0.006 0.037 0 0
```

```
0.006 0
                0 0 0 0 0 0
                                        0 0 0.006 0.006 0
0.006 0.006 0 0.037 0
                       0.006 0
                                0.006 0
                                         0.006 0
                                                 0
                                                     0
                                                         0
                                                            0.006 0
                 0 0
                         0
                             0
                                0
                                    0.006 0
                                             0.037 0
                                                      0
                                                         0
0.006 0 0 0 0.006 0
                                0.006 0
                                                0.006 0
                            0
                                        0
                                            0
                                                         0
                                                             0
0.006 0.006 0
                 0
                     0
                         0
                            0.037 0
                                     0
                                         0
                                             0
                                                0
                                                    0.037 0
   0 0.006 0
                0.006 0
                            0
                                0
                                              0.037 0
                         0
                                    0
                                       0
                                           0
                                                       0 0
                                                               0.006 0
                0.006 0
        0
           0
                         0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0.006 0
   0
                 0
                         0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0.006 0
       0
          0
              0
                     0
                             0
0.006 0.006 0 0
                 0
                         0
                            0
                                0.037 0
                                        0.006 0 0
                                                     0
                                                        0 0
                     0
0.006 0
        0
           0.037 0.037 0
                         0.037 0 0 0.006 0 0
                                                   0
                                                       0
                                                           0
                                                              0
0.037 0
                  0 0
                0
                          0 0
                                 0 0 0 0 0 0.006 0
                                                             0 0
0.006 0
                0.006 0 0.006 0
                                 0.006 0 0.006 0 0
                                                       0 0
                                                              0.037 0.006
        0
            0
          0.006 0
                   0 0
                         0.006 0
                                      0 0
                                                         0
                                                             0.006 0
                                   0
                                              0
                                                 0
                                                      0
                   0.006 0.006 0 0 0 0
           0
                0
                                            0 0
                                                    0
                                                       0
                                                               0
                                                                      0
                 0 0.006 0
                             0.006 0.006 0
                                            0.006 0
                                                     0.006 0
              0
        0
           0
                0
                   0
                       0
                              0.006
                          0
 231 231:000066 24:0000067
                          + 0.013 0 0 0
                                           0
                                               0
                                                    0
                                                       0
                                                           0
                                                                      0
                                  0 *0.142 0
                         0
                             0
                                0
                                                 0
                                                    0
                                                         0.013 0
                                    0.013 0 0.142 0
0
              0
                     0
                         0
                             0
                                0
                                                      0
0
       0.013 0
                0
                       0
                         0
                              0
                                 0 0 0
                                            0 0
                                                    0
                                                      0 0.013 0
0
   0
       0
                                       0
                                               0
                                                      0
                                                         0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                           0
                                                  0
                                                             0
0
                                                         0.013 0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                           0
                                               0
                                                  0
                                                      0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0.013 0 0 0
                                               0
                                                    0
                                                       0
                                                           0
                                                                      0
0
   0
       0
                     0.142 0
                                             0
                                                    0
          0
              0
                  0
                              0
                                  0
                                     0
                                        0
                                                0
                                                                      0
0
   0
       0
          0
                                           0 0.013 0
                                                                      0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                                        0
                                                           0
   0
                     0
       0
              0
                  0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                             0
0.013 0
        0
            0
                0
                   0
                       0
                          0
                             0
                                 0 0
                                        0 0
                                               0
                                                    0
                                                       0.013 0 0
              0
                 0.013 0
                          0.013 0
                                              0
                                                0
                                                     0 0.013 0
                                   0
                                       0
                                           0
0.142 0
                0
                       0
                          0
                                            0
                                                    0
                                                       0
                                                           0
        0
            0
                   0
                              0
                                  0
                                     0
                                         0
                                                0
                                               0.013 0
                                                           0.013 0
0
   0
          0
              0
                     0
                         0
                            0
                                0
                                    0
                                       0
                                           0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0 0
                                                         0
                                                             0.013 0
0
   0
       0
                                                    0
                                                           0
          0
              0
                  0.013 0
                          0
                              0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                       0
                                                                  0.013 0
0
   0
       0
          0
              0
                     0
                                0
                                       0.013 0
                                                    0
                                                           0
                                                               0
                  0
                         0
                             0
                                    0
                                                0
                                                        0
0
   0
       0
          0
              0
                     0
                                                             0.013 0
                  0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
0
   0
          0
                  0
                         0
                                                      0
                                                          0
                                                             0.142 0
       0
              0
                     0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                           0
                                               0
                                                          0
                                                             0
                                                                 0.013 0
                                    0
                                       0
                                                  0
                                                      0
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0.013 0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                   0
 232 232:000067 18:0000046
                                       0
                                               0
                                                      0
                          + 0
                                0
                                    0
                                           0
                                                  0
                                                         0
                                                             0
                                                                 0
                                                                    0
   0
              0
                 *0.426 0
0
       0
          0
                           0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
0
   0
       0
                                       0
                                                                    0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
   0
0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                    0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                    0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                             0
0
   0
       0
           0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                               0.074 0
                                                      0 0
                                                              0 0
```

```
0
    0
        0
             0
                 0
                     0
                          0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
    0
        0
             0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                             0
                                                                                  0
0
    0
        0
             0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
                                                                                  0
    0
        0
             0
                 0
                     0
                          0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
    0
        0
             0
                     0
                          0
                              0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                 0
                                  0
0.426 0
          0
                            0
                                    0
                                             0
                                                     0
                                                              0
                                                                       0
                                                                                0
              0
                   0
                       0
                                0
                                         0
                                                 0
                                                          0
                                                                   0
                                                                           0
0
    0
        0
             0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
    0
        0
             0
                     0
                              0
                                               0
                                                        0
                                                                0
                                                                         0
                                                                              0
                                                                                  0
                 0
                          0
                                  0
                                       0
                                           0
                                                    0
                                                            0
                                                                     0
0
        0
    0
             0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
    0
        0
            0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
    0
        0
            0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
    0
        0
             0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
    0
        0
             0
                 0
                     0
                          0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
                     0.074 0
0
    0
        0
             0
                 0
                                0
                                    0
                                             0
                                                     0
                                                              0
                                                                       0
                                                                                0
                                         0
                                                 0
                                                          0
                                                                   0
 233 233:000067 17:0000045
                                + 0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
    0
        0
             0
                 *0.186 0
                            0
                                 0
                                     0
                                         0
                                              0
                                                  0
                                                      0
                                                           0
                                                               0
                                                                   0
                                                                                0
                                                                                     0
                                                                                  0
0
    0
        0
             0
                 0
                     0
                          0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
0
        0
            0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
0
    0
            0
        0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                             0
                                                                                  0
0
    0
             0
        0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                             0
                                                                                  0
0
    0
        0
            0
                 0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                             0
                                                                                  0
0
    0
        0
             0
                              0
                                               0
                                                                0
                 0
                     0
                         0
                                  0
                                       0
                                           0
                                                    0
                                                        0
                                                            0
                                                                     0
                                                                         0
                                                                             0
                                                                                  0
0
    0.186 0.186 0
                     0
                         0
                              0
                                  0
                                      0
                                           0
                                               0
                                                   0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                             0
                                                                                  0
                                                                                      0
0
        0
             0
                         0
                              0
                                  0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
                     0
                                       0
0
    0
        0
             0
                     0
                         0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
                 0
    0
        0
             0
                 0
                          0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
                     0
0.186 0
          0
              0
                   0
                       0
                            0
                                0
                                    0
                                        0
                                             0
                                                 0
                                                     0
                                                          0
                                                              0
                                                                   0
                                                                       0
                                                                           0
                                                                               0
    0
                              0
                                           0
                                               0
                                                    0
                                                            0
                                                                0
                                                                              0.186 0
        0
             0
                 0
                     0
                          0
                                  0
                                       0
                                                        0
                                                                     0
0
        0
                          0
                                           0
                                                    0
                                                            0
                                                                     0
                                                                              0
    0
             0
                 0
                     0
                              0
                                  0
                                       0
                                               0
                                                        0
                                                                0
                                                                         0
                                                                                  0
0
    0
             0
                              0
                                               0
                                                                0
                                                                                  0
        0
                 0
                     0
                          0
                                  0
                                       0
                                           0
                                                    0
                                                        0
                                                            0
                                                                     0
                                                                         0
                                                                              0
0
    0
        0
             0
                 0
                     0
                          0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
                                                                              0
                                                                                  0
    0
                     0
                          0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
                                                                         0
0.071 0
          0
              0
                   0
                       0
                            0
                                0
                                    0
                                        0
                                             0
                                                0
                                                     0
                                                          0
                                                              0
                                                                   0
                                                                       0
                                                                           0
                                                                                0
        0
             0
                 0
                     0
                          0
                              0
                                               0
                                                                0
                                                                     0
                                                                         0
                                  0
                                       0
                                           0
                                                    0
                                                        0
                                                            0
        0
             0
                 0
                     0
                          0
                              0
                                  0
                                       0
                                           0
                                               0
                                                    0
                                                        0
                                                            0
                                                                0
                                                                     0
 234 234:000067 34:0000095
                               + 0
                                       0
                                           0
                                               0
                                                   0
                                                        0
                                                            0.008 0.006 0.008 0
0.006 0 0
                   0.008 0
                                  0
                                      0.007 0.006 0
                                                       0
                                                            0.004 0 0.006 0
                             0
        0.007 0
                   0
                       0.008 *0.013 0 0
                                             0
                                                 0
                                                      0
                                                          0.006 0.006 0 0 0
0
             0.006 0
                            0
                                    0
                                        0.004 0.006 0.008 0 0.008 0.006 0
                               0
                                                                                 0.008
    0.006 0
              0
                   0
                       0
                            0.008 0
                                      0.006 0
                                                 0
                                                     0
                                                         0 0.013 0 0 0
                                                                                 0.008
0.006 0
                                         0
                                                     0.008 0
                                                                0.01 0.008 0
                       0
                            0
                                    0
                                             0
                                                 0
        0
            0.008 0
                       0
                            0
                                0
                                    0
                                        0
                                             0
                                                 0.006 0 0
                                                                0.006 0
                                                                               0
          0.004 0
                     0.008 0.006 0.006 0
                                            0
                                                 0
                                                     0.004 0.006 0
                                                                          0.006 0
0.006 0
          0 0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
```

```
0.008 0
           0.004 0
                    0
                       0.007 0 0.008 0 0.01 0.007 0 0 0 0 0
      0.006 0.008 0 0.006 0.007 0.006 0 0 0 0.006 0 0.004 0
                                                             0.007 0
   0.004 0
               0.008 0 0.006 0
                              0.008 0 0 0.006 0 0
                                                       0.008 0.008
               0 0.006 0 0 0 0 0.006 0 0.006 0 0
0.006 0 0
           0
                                                           0
0.008 0.006 0.008 0
                                     0.006 0
                  0
                     0
                        0
                            0
                               0
                                   0
                                              0
                                                  0
                                                    0.008 0.006 0.008
                                               0.008 0 0
0 0.013 0
           0.008 0
                    0 0
                              0
                                    0
                                        0
                                           0
                          0
                                 0
                                                          0
                                                              0.006 0
   0.006 0
           0.006 0
                    0
                       0
                          0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                   0.006 0
                                            0.004 0
                                                    0
                                                        0
                                                           0.01 0
           0.008 0.006 0 0.006 0.006 0 0.006 0
0.007 0
                                              0
                                                  0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0
                                0 0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                            0
                                                               0
          0 0.008 0.004 0 0 0 0.004 0
                                           0.008 0
                                                   0.008 0
                                                            0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                 0.008 0 0
                                            0
                                                0.008 0
                                                        0
                                                            0
0.006 0
           0.004 0
                   0.006 0.008 0
                                           0.008 0.004 0.006 0.006 0
                                 0
                                    0
                                       0
0 0 0.006 0 0 0
                        0.006 0
                                 0
                                    0.006 0
                                             0
                                                0
                                                   0.008 0
0.004 0.006 0.004 0
                  0.008 0
                                 0.008 0
                                                0
                                                   0
                                                       0.006 0 0.008
                          0
                             0
                                         0
                                             0
 235 235:000067 11:0000023
                        + 0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0.006 0
                                                       0.006 0
*0.084 0
         0 0 0.006 0 0
                          0
                              0
                                  0
                                     0
                                         0
                                            0.006 0
                                                    0
                                                       0
                                                           0.006 0
          0
             0.006 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                0
                                                   0
                                                       0
                0 0.006 0.084 0.006 0
                                     0.006 0
                                              0 0.006 0
0
0
      0.006 0
               0 0 0
                        0
                            0
                               0 0
                                      0 0
                                             0.006 0
                                                         0
                                                            0
0
                   0.006 0
                            0
                              0.006 0 0
                                           0
                                               0
                                                  0
                                                     0
                                                         0.006 0
   0
                0
             0
                       0
                          0 0
                                 0
                                     0
                                        0
                                           0
                                               0.006 0 0.006 0
      0.006 0
               0 0 0
                       0
                            0 0 0
                                     0 0
                                            0.006 0.006 0
                                                          0 0
0.006 0.006 0
                   0.006 0
                            0.006 0
                                    0.006 0
                                                   0
            0
                0
                                             0
                                                0
                                                       0.006 0
                              0.006 0
                                             0
                                                0
                                                       0 0.084 0
         0
             0
                0
                    0
                       0
                          0
                                      0
                                         0
                                                   0
0.006 0 0
          0 0.006 0
                          0
                              0.006 0
                                      0
                                          0
                                             0.006 0
                                                     0
                                                         0
0.006 0.006 0 0
                0
                    0
                       0
                          0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0.084 0
                                                              0
   0 0.006 0
                                                         0.006 0.084
               0.006 0
                       0
                          0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
0.006 0 0
          0
               0.006 0
                       0
                          0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0.006 0
                                                          0
                                                                 0
      0 0 0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                  0.006 0
                                                                 0
0.006 0.006 0 0
                0
                    0
                       0
                          0
                              0
                                 0
                                     0.006 0
                                            0
                                                0
                                                    0
                                                       0
                                                          0
                                                              0
                                                                 0
0.006 0
                 0 0
                            0
                               0.006 0
                                           0.084 0
          0
               0
                        0
                                        0
                                                    0
      0 0 0 0 0
                       0
                          0
                              0
                                 0
                                    0
                                        0.006 0
                                                0
                                                   0 0.006 0.006 0
      0.006 0 0.006 0
                       0.006 0
                                                    0.006 0
                              0.006 0
                                       0
                                           0
                                             0
                                                  0
0.006 0 0
               0.006 0
                       0 0 0
                                 0
                                    0
                                           0
                                               0.006 0
                                                       0
                                                          0.006 0
          0
                                        0
      0.006 0.006 0.084 0 0 0 0 0
                                         0 0
                                                0
                                                   0
                                                       0
                                                          0
          0.006 0 0.006 0.006 0 0.006 0
                                       0.006 0 0
                                                   0
                                                       0.006 0
      0
          0
             0.006
 236 236:000067 34:0000095
                        + 0
                              0
                                 0
                                        0
                                           0
                                               0.008 0.006 0.008 0
                                     0
0.006 0
               0.800.0
                      0 0
                              0.007 0.006 0
                                           0
                                              0.004 0 0.006 0 0.008
       0
          0
      0.007 0
                  0.008 *0.013 0
                                0 0
                                       0
                                          0
                                             0.006 0.006 0
   0
          0.006 0
                  0
                     0 0 0
                               0.004 0.006 0.008 0
                                                  0.008 0.006 0
                                                               0.008
      0
   0.006 0
           0
               0
                  0
                     0.008 0
                              0.006 0
                                      0
                                          0
                                             0
                                                0.013 0
                                                               0.008
0.006 0 0
           0
               0
                  0
                     0
                        0 0
                               0 0
                                     0
                                         0.008 0 0.01 0.008 0
```

```
0.013 0
                        0.013 0 0 0.013 0 0 0 0 0
0
          0
             0
                0.112 0
                        0
                            0
                              0.013 0
                                       0
                                           0 0
                                                 0
                                                     0
                                                        0
                 0.013 0
                          0
                             0
                                 0
                                    0
                                       0
                                           0.013 0
                                                   0
                                                      0
                                    0
                                       0.013 0 0
0
   0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                                   0
                                                       0
                       0
                             0.013 0.013 0
   0
          0
                    0
                          0
                                           0 0
                                                 0.013 0.013 0
                       0
                          0
                             0 0.013 0 0
0.013 0
        0.013 0
                0
                   0
                                           0
                                                0
                                                   0
                                                      0
          0.013 0
                     0
                       0 0
                              0 0 0 0
                                            0
                                                0
                 0
   0.013 0
              0
                 0.013 0 0 0 0 0 0.013 0.013 0
                                                        0
0
                                                    0
                                   0
                                       0 0.013 0
                    0
                       0
                          0
                             0
                                 0
                                                   0.013 0
0
   0
      0
                0
                   0
                       0.013 0
                              0.013 0 0.112 0
                                                0.013 0
                                                        0
0
   0
      0
             0.013 0 0
                        0
                           0
                               0
                                  0 0
                                         0
                                                0
0
   0
      0
             0.013 0 0
                       0 0
                              0.013 0.013 0
         0
                                           0
                                                0
                                                   0
                                                      0
   0
      0
                   0
                       0
                          0
                             0.013 0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                             0.013 0
0
   0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0 0 0 0 0
      0
          0
                                                        0
          0 0.013 0
                                 0
                                       0.013 0 0.013 0
0.013 0
                       0
                          0
                             0
                                    0
          0.013 0 0 0
                       0.013 0
                                 0
                                    0
                                       0.013 0
                                                0
                                                   0
                                                      0
             0.013 0 0
                       0 0 0.013 0 0 0 0 0 0
                             0.013 0 0 0 0 0 0 0.013 0
             0
               0 0
                      0
                          0
          0 0 0 0
                        0
                            0.013
 239 239:000068 70:0000179
                        + 0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                        0
                                           0.007 0
                                                  0
                                                      0.007 0
         0 0
                0
                          0
                              0
                                 0
                                    0
                                                               0
                       0
0.007 0
          0 0.007 0
                       0
                          0
                             0
                                 0
                                    0.007 0
                                            0.007 0
       0
0.007 0 0.007 0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                          0
                                              0 0
                                                     0.007 0
           0 0.038 0.038 0
                                0.038 0
                                               0.007 0
                            0
                                        0
                                           0
         0 0.007 0.007 0
                          0.007 0
                                  0
                                    0.007 0 0
                                                 0.007 0
                                                         0
0.007 0
          0
              0.007 0
                      0
                          0
                             0
                               0
                                    0.038 0.007 0
                                                 0
                                                        0
   0.007 0
          0.007 0
                   0
                       0
                          0.038 0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                             0.007 0
                    0
                       0.007 0
               0
                               0
                                   0
                                      0
                                         0
                                            0
                                                0
0
         0.007 0
                     0
                        0
                            0
                               0
                                   0
                                         0
                                            0.007 0.007 0
      0
                 0
                                      0
         0.007 0
                  0.007 0.007 0
                               0
                                                0.007 0
                                  0
                                      0
                                         0
                                            0
   0.007 0.007 0.038 0
                     0
                        0
                            0.007 0 0
                                      0.007 0
                                               0.007 0
                                                        0
             0.038 0
                        0.007 0 0.007 0.038 0
                     0
                                             0
                                                 0
0.038 0 0.038 0
                0.007 0
                        0 0 0.007 0 0.007 0 0 0
                                                         0
           0.038 0
                          0.007 0 0 0.038 0
   0.007 0
                   0
                      0
                                             0
                                                 0
                                                   0
                                                        0
                          0.007 0
                                     0 0
                                           0
                                                0
                                                  0
                                                      0
      0
          0
             0
                0
                    0
                       0
                                   0
             0
                       0
                             0 0 0 0
                                          0
                                              0
                                                 0
                                                     0
      0
                0
                    0
                          0
0.007 0.007 0
             0
                0
                   0
                       0.007 0
                              0
                                  0.007 0
                                           0
                                             0
                                                 0
                                                   0.038 0
                0.007 0
                        0 0
                               0.038 0 0.007 0
                                                0 0
                                                      0.007 0
                 0.007 0.007 0
                                  0.007 0
0
   0
      0
          0.007 0
                               0
                                          0 0.007 0
                                                      0.007 0
   0
                0
                   0
                       0.007 0
                                   0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                         0.007 0
             0
                               0
                                     0
   0
      0
          0
             0
                0
                   0
                       0 0
                             0
                                 0
                                   0 0
                                          0
                                              0 0 0
                                                        0.007 0.007
0.007 0
       0
          0
 240 240:000068 34:0000095
                       + 0
                              0
                                 0
                                    0
                                       0
                                           0
                                              0.008 0.006 0.008 0
0.006 0 0 0 0.008 0 0 0
                             0.007 0.006 0
                                          0
                                              0.004 0 0.006 0 0.008
```

```
0.007 0
             0
                  0.008 *0.013 0 0 0 0
                                          0 0.006 0.006 0 0 0
   0
      0
          0.006 0
                  0
                      0
                        0
                            0
                                0.004 0.006 0.008 0
                                                  0.008 0.006 0
                                                                0.008
   0.006 0
               0
                  0
                      0.008 0
                              0.006 0
                                      0
                                          0
                                             0 0.013 0 0 0
                            0
                                0
                                          0.008 0
0.006 0 0
           0
               0
                  0
                      0
                        0
                                  0
                                       0
                                                   0.01 0.008 0 0 0
          0.008 0
                                       0.006 0 0
                  0
                      0
                         0
                            0
                                0
                                   0
                                                   0.006 0
       0.004 0 0.008 0.006 0.006 0
                                   0
                                      0
                                          0.004 0.006 0 0 0.006 0
           0 0.008 0.008 0
                            0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.004 0
                    0
                       0.007 0
                               0.008 0 0.01 0.007 0 0
                                                       0
                    0.006 0.007 0.006 0 0 0 0.006 0
      0.006 0.008 0
                                                     0.004 0 0.007 0
   0.004 0
           0
               0.008 0
                      0.006 0 0.008 0 0
                                           0.006 0 0 0.008 0.008
0.006 0
                 0.006 0 0 0
                                 0
                                    0 0.006 0
                                                 0.006 0 0
0.008 0.006 0.008 0
                 0 0 0 0 0 0 0.006 0
                                              0
                                                  0 0.008 0.006 0.008
                                     0
                                        0
                                            0
                                               0.008 0
   0.013 0
           0.008 0
                    0
                       0
                          0
                              0
                                 0
                                                       0
   0.006 0
           0.006 0
                    0 0 0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0.008 0
                                                              0 0
                                                           0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                                            0.01 0
                                            0.004 0
                                                     0
                                                       0
0.007 0
       0 0.008 0.006 0 0.006 0.006 0 0.006 0
                                                  0.008 0.006 0
                                               0
                                                                0.006
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                           0
                                                        0
                                               0
                                                  0
                                                     0
0.008 0
        0
          0
               0.008 0.004 0 0
                               0 0.004 0
                                           0.008 0
                                                    0.008 0
                                                            0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                 0.008 0
                                          0
                                             0
                                                 0.008 0
                                           0.008 0.004 0.006 0.006 0
0.006 0 0
          0.004 0 0.006 0.008 0
                                 0
                                     0 0
  0 0.006 0
                 0 0
                        0.006 0
                                     0.006 0
                                             0
                                                 0
                                                    0.008 0
                                                            0.004
               0
                                  0
0.004 0.006 0.004 0
                 0.008 0
                          0
                              0
                                 0.008 0
                                          0
                                             0
                                                 0
                                                    0
                                                       0.006 0 0.008
 241 241:000068 215:000062
                        + 0
                              0
                                  0.006 0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0.007 0
0.006 0.008 0 0
                    0
                       0
                              0.008 0.01 0
                                           0
                                              0
                                                  0.008 0
                                                          0.008 0.008
               0 0.008 0
      0.008 0
                              0
                                     0
                                        0
                                            0.008 0
                                  0
                                                    0.008 0
                                                            0
                                                                0
      0.008 0
               0.008 0
                       0
                          0
                              0
                                  0
                                     0
                                        0
                                            0.008 0
                                                    0
                                                        0
                                                           0
                                                              0.008
        0
          0.007 0
                    0
                       0 0.007 0.007 0
                                       0
                                           0.007 0.008 0
                                                         0
                                                            0.008 0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0
                                           0.008 0
                                                   0 0.008 0
0.008 0.008 0
                0.008 0.008 0 0 0.008 0
                                             0 0
                                                    0
                                                       0
                                                           0.007 0.008
             0
                           0.008 0 0.008 0
  0
      0
          0
             0
                 0
                    0
                       0
                                           0 0
                                                  0.007 0
                                                           0.007 0
                                                           0 0
0.007 0.008 0
             0
                0
                    0.008 0 0 0
                                   0
                                      0
                                          0
                                            0 0
                                                    0.008 0
                              0.008 0
                                      0.008 0 0
                                                  0.007 0
          0
             0
                        0
                           0
                                                              0.007 0
0
      0.008 0.008 0
                    0
                       0
                           0 0 0 0 0 0.008 0 0.008 0
      0.01 0.008 0
                   0.008 0.008 0 0 0
                                       0.008 0.008 0.007 0.008 0
0.008 0
           0.008 0
                    0.008 0 *0.011 0.008 0
                                          0
                                             0
                                                0
                                                   0
                                                        0
                                                          0.007 0
        0
   0.008 0
           0.008 0.007 0
                        0 0 0 0
                                          0
                                             0.007 0 0.007 0
                                     0
                                                              0.008 0
   0.008 0.008 0.008 0 0 0 0.008 0
                                          0.008 0 0
                                                     0.008 0
                                                              0.007 0
       0.008 0 0
                    0.007 0.008 0 0.008 0
                                          0
                                             0
                                                0
                                                    0.006 0.008 0 0
        0 0 0 0.008 0 0.006 0 0
                                          0 0
                                                 0
                                                    0
                                                       0
                                                           0.007 0 0
             0
                0.007 0
                        0 0 0.008 0 0
                                           0 0
                                                  0.008 0
          0
0.008 0.008 0.007 0
                  0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                      0
                                                          0.008 0.007
                    0.008 0 0.008 0
          0
                                    0
                                        0
                                           0.007 0
                                                    0.008 0
             0
                0
0.008 0
        0.008 0
                0
                    0
                       0.008 0
                                0.800.0 800.0
                                            0
                                                 0.008 0
                                                         0.008 0.008 0
0.008 0
          0.008 0
                    0
                       0 0 0 0 0 0.008 0
                                                 0
                                                    0.006 0
```

```
0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0
   0
          0.008 0.008 0.008 0
                             0
                                 0
 242 242:000068 242:000068
                                      0
                                                                  0
                           0
                               0
                                  0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                              0
                                                                     0
   0
       0
          0
                                   0
                                      0
                                             0
                                                    0
                                                           0
              0
                 0
                     0
                        0
                            0
                               0
                                          0
                                                 0
                                                        0
                                                               0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
       0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
0.043 0
        0
            0
               0
                      0
                         0
                             0
                                 0
                                    0
                                       0
                                           0
                                                  0
                                                      0
                                                         0.043 0
                                                                      0
                   0
                                               0
                                                                  0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                        0
                            0
                               0
                                      0
                                          0
                                             0
                                                    0
                                                                  0
                    0
                                   0
                                                 0
                                                        0
                                                           0
                                                               0
0
   0
      0
          0
              0
                 0
                    0
                        0
                                      0
                                          0
                                                        0
                                                                  0
                            0
                               0
                                   0
                                             0
                                                 0
                                                    0
                                                           0
                                                               0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               *0.565 0 0
                                            0
                                               0
                                                   0
                                                      0.043 0
   0
      0
          0.043 0
                 0 0 0
                            0
                                0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
0.043 0 0 0 0 0 0 0 0 0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
      0
          0 0 0 0 0
                              0 0
                                     0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
   0.043 0
               0 0.043 0
                           0
                               0 0
                                      0
                                          0
                                             0
                                                 0
                                                    0.043 0
           0
                                                             0
               0
                  0 0
                         0
                             0
                                0 0
                                       0 0
                                              0
                                                  0
                                                     0 0
0
                        0
                               0
                                   0
                                      0
                                          0
                                             0
   0
       0
          0
              0
                 0
                     0
                            0
                                                 0
                                                    0
                                                        0
                                                           0
                                                                  0
                                             0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                                 0
                                                    0
   0
       0
          0
              0
                 0
                        0
                            0
                               0.043 0 0 0
                                             0 0
                                                     0 0
                     0
 243 243:000068 83:0000224
                         + 0.021 0 0 0 0
                                                  0
                                                     0 0
                                              0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                  0 0
                                          0
                                            0
                                                 0
                                                    0
                                                        0
                               0 0.021 0 0
0
       0
          0
              0
                 0
                     0
                        0
                            0
                                              0
                                                  0
                                                      0.021 0
                                                                  0
                                                               0
                                                                      0
0
   0.021 0
            0
               0
                   0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                      0.021 0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0 *0.101 0
                                           0
                                               0
                                                   0
                                                      0
                                                              0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0.021 0
0
   0
          0
                 0
                        0
                            0.021 0 0
                                          0
                                                  0
                                                      0 0
      0
              0
                    0
                                       0
                                              0
0
   0
                                                        0 0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                   0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0.021 0
                                                  0
                                                      0 0 0
                                                                0
0
   0
          0
                        0
                                                    0 0 0.021 0
       0
              0
                 0
                     0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
0.021 0
        0
            0
               0
                 0 0
                        0 0
                               0 0
                                      0 0 0 0 0.021 0 0 0
                 0.021 0
                         0.021 0
                                             0 0
                                                    0
   0
       0
          0
              0
                                   0
                                      0
                                          0
                                                        0.021 0
                                                                0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0.101 0 0
                                                     0
                                                         0 0
0
                                                     0 0.021 0 0 0
      0
          0
              0
                     0
                            0
                               0
                                   0
                                      0
                                          0
                                             0.021 0
                                                           0.021 0
0
   0
          0
                                      0
                                          0
                                                    0
      0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                             0
                                                 0
                                                        0
0
   0
      0
          0
              0
                                0 0
                                       0.101 0 0
                                                    0
                                                        0
                                                           0 0 0.021
                 0.021 0
                         0
                             0
0
   0
      0
          0
              0
                                      0
                                          0.021 0
                                                                0
                 0
                     0
                        0
                            0
                               0
                                   0
                                                  0
                                                     0
                                                         0
                                                            0
0
   0
          0
                                                                 0.021 0
      0
              0
                 0
                     0
                        0
                            0
                               0.101 0
                                       0
                                           0
                                                   0
                                                         0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
                                   0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
```

```
0.021 0 0 0 0 0 0 0 0 0 0.021 0 0 0.101 0 0 0
0 0 0
 244 244:000069 67:0000173
                     + 0
                           0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                             0
0 0 0 0 0
                             0
                                   0
                                       0.008 0 0 0.008 0
              0
                 0
                     0
                        0
                           0
                                0
0.008 0 0 0 0.008 0
                    0
                       0
                          0
                             0
                                0.008 0
                                       0.008 0 0
                                                  0
0.008 0 0.008 0
              0
                    0
                       0
                          0
                             0
                                0
                                         0 0 0.008 *0.101 0
                                   0
     0 0 0
                        0
                           0
                             0
                                0
                                   0
                                      0.008 0 0 0 0.008 0
              0
                 0
                    0
     0.008 0.008 0
                 0.008 0
                         0
                            0.008 0
                                   0
                                      0.008 0
                                             0
                                                0
                                                   0
0
     0.008 0
             0
               0
                   0
                      0
                         0
                            0.008 0
                                   0
                                      0 0 0 0 0
  0.008 0
         0
             0
                   0
                      0
                         0
                               0 0 0
                                       0 0
                                             0.008 0
                                                     0
                0
                            0
     0 0.008 0
                         0
                   0
                      0
                            0
                               0
                                 0
                                     0
                                       0 0
                                             0
                                                 0 0
0.008 0
      0 0
             0 0
                   0
                      0
                         0
                            0
                               0.008 0.008 0
                                           0
                                              0
                                                 0
0.008 0 0.008 0.008 0
                   0
                      0
                         0
                            0
                               0
                                 0.008 0 0.101 0.101 0
0.008 0.008 0 0
              0 0.008 0
                            0
                               0.008 0 0.008 0
                                             0
     0
        0
           0
              0 800.0
                         0.008 0
                                0 0
                                      0 0 0 0 0 0
         0 0.101 0.008 0.101 0.008 0
                                 0 0
                                       0
                                          0
                                              0.008 0
              0.008 0
                     0 0
0
           0
                           0 0 0 0 0
                                             0 0
                                                          0
0
     0
            0
              0.008 0
                     0
                         0
                            0
                               0
                                 0 0
                                       0
                                           0
              0 0 0
                                                  0.008 0.008 0
0
            0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
        0.008 0 0 0.008 0
                          0
                             0
                                0
                                   0
                                      0 0
                                            0 0
                                                  0
0.008 0 0
         0 0 0 0.008 0
                          0
                             0
                                0.008 0 0.008 0
                                                    0.008 0
                                               0
                                                  0
0.008 0.008 0 0 0.008 0
                     0 0.008 0
                                0.008 0 0 0 0
     0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
                                                     0 0 0
              0 0
                          0 0
                                0 800.0 800.0 800.0
        0 0
                    0 0
 245 245:000069 215:000062
                     + 0
                          0
                             0.006 0 0 0 0
                                                   0.007 0 0
                          0.008 0.01 0 0 0 0.008 0
0.006 0.008 0 0 0 0 0 0
                                                   0.008 0.008
     0.008 0
            0
               0 0.008 0
                          0
                             0
                                0
                                   0
                                      0.008 0
                                              0.008 0
                             0 0
     0.008 0 0.008 0 0
                          0
                                   0
                                      0.008 0
                                             0 0
                                                   0.008
0.008 0 0
         0.007 0 0 0 0.007 0.007 0
                                  0
                                      0.007 0.008 0 0
                                                    0.008 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0 0.008 0 0 0.008 0
              0.008 0.008 0 0 0 0.008 0 0
0.008 0.008 0
                                             0
                                                    0.007 0.008
  0
     0
        0
            0
              0
                 0
                    0
                       0.008 0 0.008 0 0 0 0.007 0
                                                    0.007 0
0.007 0.008 0
           0
              0
                 0.008 0
                         0
                           0 0
                                 0 0 0 0 0.008 0
  0
      0
                       0 0.008 0 0.008 0 0 0.007 0
                                                   0 0.007 0
        0
            0
              0
                 0
                    0
     0.008 0.008 0
                       0 0 0 0 0 0.008 0 0.008 0.008 0
                    0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
          0.008 0
                 0.008 0 *0.011 0.008 0
                                       0 0 0 0 0.007 0
                                     0
  0.008 0
          0.008 0.007 0 0 0 0
                                        0.007 0 0.007 0 0.008 0
                                 0
                                     0
   0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                               0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                     0
                                             0.006 0.008 0 0
                                       0 0
         0 0 0.008 0 0.006 0 0
                                     0
                                           0
                                              0
                                                 0
                                                    0.007 0 0
  0 0
        0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
                                                    0
0.008 0.007
     0
        0 0 0 0.008 0 0.008 0 0 0 0.007 0 0.008 0 0 0
```

```
0.008 0
        0.008 0 0
                     0
                        0.008 0
                                0.008 0.008 0 0
                                                   0.008 0
                                                           0.008 0.008 0
0.008 0
        0
           0.008 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0.008 0
                                                   0
                                                      0.006 0
                                                              0
                                                                   0
      0.008 0.007 0
                     0
                        0
                            0.007 0
                                   0
                                       0
                                           0
                                              0
                                                   0
                                                      0
                                                        0
                                                             0
          0.008 0.008 0.008 0
   0
       0
                             0
                                 0
 246 246:000069 67:0000173
                          + 0
                                0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
                                                                   0
              0
                 0
                                   0
                                       0
                                          0
                                              0.008 0
                                                         0.008 0
                     0
                        0
                            0
                                0
                                                     0
0.008 0 0 0 0.008 0
                            0
                                   0
                                      0.008 0
                                               0.008 0
                                                           0
                        0
                               0
                                                       0
                                                                      0
0.008 0
        0.008 0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                                 0
                                                    0
                                                        0.008 *0.101 0
          0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0.008 0
                                                      0 0
                                                             0.008 0
       0.008 0.008 0
                     0.008 0
                             0
                                 0.008 0
                                          0
                                             0.008 0
                                                      0
                                                          0
                                                             0
                                                                 0.008 0
0
       0.008 0
                              0
                                 0.008 0
                                                        0
                                                           0
                                                                   0.008
               0
                  0
                      0
                          0
                                          0
                                             0
                                                 0
                                                    0
                                                               0
   0.008 0 0
               0
                      0
                          0
                              0
                                     0
                                       0
                                            0
                                              0
                                                   0
                                                      0.008 0
                                 0
       0
          0
              0.008 0
                      0
                          0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
        0
           0
               0
                      0
                          0
                              0
                                 0
                                     0.008 0.008 0
                                                   0
                                                      0
                                                          0
0.008 0 0.008 0.008 0
                      0
                          0
                             0
                                 0
                                     0
                                        0.008 0 0.101 0.101 0
0.008 0.008 0
            0
                 0 0
                        0.008 0
                                 0
                                     0.008 0
                                             0.008 0
                                                      0
                                                          0
                 0 0.008 0
                             0.008 0
                                             0 0
              0
                                      0 0
                                                    0 0 0
                                                                   0 0
              0.101 0.008 0.101 0.008 0
            0
                                        0
                                           0
                                               0
                                                  0
                                                      0.008 0
                 0.008 0
0
       0
          0
              0
                         0
                             0
                                 0
                                     0
                                       0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                                 0
                                                                     0
0
   0
       0
          0
              0
                 0.008 0
                         0
                              0
                                 0
                                     0
                                       0
                                            0
                                               0
                                                   0
0
   0
                 0
                     0
                        0
                               0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                            0.008 0.008 0
       0
          0
              0
                            0
                                   0
                                                        0
                  0 0.008 0
          0.008 0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
0.008 0 0
          0 0
                  0
                      0.008 0
                               0
                                   0
                                      0.008 0
                                              0.008 0
                                                        0
                                                           0
                                                               0.008 0
0.008 0.008 0 0
                0.008 0
                             0.008 0
                                      0.008 0
                                               0 0
                         0
                                                      0
       0.800.0
                   0 0
                         0
                              0 0 0 0.008 0 0 0
                                                           0
               0
                                          0.008 0.008 0.008 0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                                                 0
 247 247:000070 215:000062
                          + 0
                                0
                                   0.006 0
                                            0
                                              0 0
                                                      0
                                                             0.007 0
0.006 0.008 0 0 0
                     0 0
                            0
                               0.008 0.01 0 0 0 0.008 0
                                                             0.008 0.008
       0.008 0
               0
                  0
                      0.008 0
                               0
                                   0
                                      0
                                          0
                                              0.008 0
                                                      0.008 0
       0.008 0
               0.008 0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0.008 0
                                                                 0.008
                                                      0
                                                          0
                        0 0.007 0.007 0
            0.007 0 0
                                             0.007 0.008 0
                                                           0
                                                               0.008 0
                                                         0.008 0
0.008 0.008 0.008 0
                  0
                      0
                         0.01 0.008 0.008 0
                                             0.008 0
                                                     0
                 0.008 0.008 0
                               0 0.008 0
0.008 0.008 0
             0
                                               0
                                                  0
                                                      0
                                                             0.007 0.008
   0
                            0.008 0 0.008 0 0 0
                                                    0.007 0
       0
          0
              0
                 0
                     0
                        0
                                                             0.007 0
                                    0
                                               0
                                                   0
0.007 0.008 0
              0
                 0
                     0.008 0
                             0
                                0
                                       0
                                            0
                                                      0.008 0
   0
          0
              0
                 0
                        0
                            0
                               0.008 0 0.008 0 0
                                                    0.007 0
                                                                 0.007 0
       0.008 0.008 0
                                          0.008 0
                                                  0.008 0.008 0
                     0
                        0
                            0
                               0
                                 0
                                      0
       0.01 0.008 0
                    0.008 0.008 0
                                  0 0
                                         0.008 0.008 0.007 0.008 0
0.008 0 0
            0.008 0
                     0.008 0 *0.011 0.008 0
                                            0
                                               0
                                                   0
                                                          0 0.007 0
   0.008 0
            0.008 0.007 0
                         0
                             0
                                0
                                    0
                                               0.007 0
                                                       0.007 0
                                       0
                                            0
                                                                 0.008 0
   0.008 0.008 0.008 0 0 0
                                                        0.008 0
                                  0.008 0
                                           0.008 0
                                                    0
0.008 0 0.008 0 0 0.007 0.008 0
                                   0.008 0
                                           0
                                               0 0
                                                      0.006 0.008 0 0
0.008 0
           0 0
                  0.008 0 0.006 0
                                    0
                                       0
                                            0
                                               0
                                                   0
                                                      0
                                                             0.007 0
   0 0 0 0 0.007 0 0 0.008 0 0 0
                                                     0.008 0
```

```
0.006 0.011 0.008 0.006 0 0.008 0.008 0 0
0.008 0.008 0.007 0
                                                                  0.008 0.007
       0
          0
               0
                   0
                       0.008 0 0.008 0
                                         0 0 0.007 0
                                                          0.008 0
                                                                    0
        0.008 0
                   0
                       0
                          0.008 0
                                   0.008 0.008 0
                                                   0
                                                       0.008 0 0.008 0.008 0
0.008 0
            0.008 0
                          0
                              0 0 0 0 0.008 0
                                                       0
                                                           0.006 0 0
         0
                       0
       0.008 0.007 0
                              0.007 0
                                           0
                                               0
                                                           0
                       0
                          0
                                        0
                                                  0
                                                       0
                                                               0
                                                                   0
           0.008 0.008 0.008 0
                                0
 248 248:000071 38:0000103
                           + 0
                                          0
                                              0
                                                  0
                                                      0
                                                              0
                                                                         0
                                  0
                                      0
                                                          0
                                                                 0
                   0
                       0
                          0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                 0
0
   0
       0
           0
               0
                   *0.043 0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                        0
                                                            0
       0
               0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
           0
                   0
                       0
0.043 0
                         0
                                                               0.043 0
         0
             0
                 0
                     0
                            0
                                0
                                    0
                                       0
                                           0
                                                0
                                                    0
                                                       0
                                                           0
                                  0.043 0
       0
               0
                   0
                       0
                           0
                               0
                                           0
                                                0
                                                    0
                                                       0
                                                          0
                                                               0
0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                 0
0
   0.043 0
                 0
                         0
                            0
                                0
                                    0
                                        0
                                           0
                                                0
                                                       0
             0
                     0
                                                    0
                                                          0
                                                               0
                                                      0.043 0
0
   0
       0
           0
                   0
                       0
                           0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                               0
               0
                               0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0.043 0
0
   0
       0
                       0
                           0
           0
               0
                   0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                         0
   0
                          0
                                                          0.043 0.043 0
0
       0
           0
               0
                   0
                       0
                               0
                                  0.043 0
                                           0
                                               0
                                                   0
                                                       0
0.043 0 0
            0.043 0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
0.043 0
         0
            0
                 0
                        0
                           0
                                0
                                        0
                                           0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                    0
                                    0
                                                                   0
                                                                       0
                  0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                             0
   0.043 0
             0
                 0
                     0.043 0 0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0.043 0
                                                                   0
0.043 0
                                        0
                                           0
                                                0
                                                       0
                 0
                     0
                         0
                            0
                                0
                                    0
                                                    0
                                                           0
0.043 0
                 0
                     0 0.043 0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
         0
             0
                                                                     0
                       0.043 0
                                        0.043 0.043 0
                   0
                                0
                                    0
                                                       0
                                                           0
                                                               0
                                                                           0
                                      0.043 0
0
       0
               0
                   0
                       0
                          0
                              0
                                  0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                       0
                                                                           0
 249 249:000071 167:000049
                            +
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                  0
                                          0
                                                  0
                                                      0
                                                          0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                      0
                                              0
                                                              0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                 0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
                                                                         0
                                                                         0
0.043 0
         0
             0
                 0
                     0
                         0
                            0
                                0
                                    0
                                        0
                                            0
                                                0
                                                        0
                                                               0.043 0
                                                                             0
                                                          0
                                                                 0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                              0
                                                                     0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
               0
                       0
                               0
                                              0
           0
                   0
                           0
                                  0
                                      0
                                          0
                                                  0
                                                      *0.188 0
                                                                0
                                                                    0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                          0
                                              0
                                                  0
                                                                         0
                                      0
                                                      0
                                                          0
                                                              0
                                                                 0
                                                                     0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                              0
                                                                 0
                                                          0
                                                                     0
                                                                         0
                                                          0.043 0.188 0
0
   0
       0
           0
                   0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
0
   0
       0.043 0
                 0
                   0 0
                           0
                                0
                                   0 0
                                           0
                                              0
                                                  0
                                                      0
                                                          0
                                                               0
                                                                  0
                                                                       0
0.043 0
                     0
                        0
                            0
                                0
                                    0
                                        0
                                           0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
   0
               0 0
                       0 0
                              0 0 0 0
                                              0
                                                 0
                                                      0
                                                         0
                                                             0
                                                                0
```

```
0
               0 0.043 0 0 0 0 0 0 0
                                                    0.043 0
0.043 0
        0
            0
               0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                                    0
              0
                 0
                     0
                        0
                            0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                      0.188 0
                                                   0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                              0
                                                     0
                                                          0
                                                                    0
                               0.043 0
   0
       0
                 0
                     0
                        0
                            0
                                       0
                                           0
                                                   0
 250 250:000071 34:0000095
                          + 0
                               0
                                      0
                                             0 0.008 0.006 0.008 0
                                   0
                                          0
0.006 0 0
          0
               0.008 0
                            0
                               0.007 0.006 0
                                             0
                                               0.004 0
                                                         0.006 0
                                                                  0.008
                       0
       0.007 0
               0
                   0.008 *0.013 0
                                 0
                                     0
                                        0
                                            0
                                               0.006 0.006 0
                                                             0
0
       0
          0.006 0
                   0
                      0 0 0
                                0.004 0.006 0.008 0
                                                    0.008 0.006 0
                                                                  0.008
   0.006 0
            0
               0
                   0
                      0.008 0
                               0.006 0
                                        0
                                           0
                                               0 0.013 0 0
0.006 0
                                           0.008 0
                                                    0.01 0.008 0
        0
            0
               0
                   0
                      0
                         0
                             0
                                 0
                                    0
                                        0
          0.008 0
                   0
                      0
                          0
                             0
                                 0
                                     0
                                        0.006 0 0
                                                    0.006 0
0.006 0
        0.004 0 0.008 0.006 0.006 0
                                    0
                                        0
                                           0.004 0.006 0
                                                             0.006 0
                                                        0
            0 800.0 800.0
                             0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
            0.004 0
                     0 0.007 0
                                0.008 0 0.01 0.007 0
                                                      0 0
                                                              0
      0.006 0.008 0
                     0.006 0.007 0.006 0
                                       0
                                           0
                                              0.006 0
                                                       0.004 0
                                0.008 0 0 0.006 0 0 0.008 0.008
   0.004 0
               0.008 0 0.006 0
0.006 0 0
                  0.006 0 0 0
                                  0 0
                                          0.006 0 0.006 0
0.008 0.006 0.008 0
                                       0.006 0
                                                0 0 0.008 0.006 0.008
                  0 0
                        0
                             0 0
                                    0
                       0
                                      0
   0.013 0
            0.008 0
                     0
                            0
                               0
                                   0
                                          0
                                             0
                                                 0.008 0
                                                         0
   0.006 0
            0.006 0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0.008 0
                     0
                                                             0
                                                                 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                              0.004 0
                                                       0
       0
           0.008 0.006 0 0.006 0.006 0 0.006 0
                                               0
                                                    0.008 0.006 0
                                                                  0.006
                0.006 0.006 0
                                                    0
0.006 0.006 0 0
                              0
                                  0
                                     0
                                        0
                                             0
                                                 0
                                                        0
                                                           0
0.008 0
            0 0.008 0.004 0 0 0 0.004 0
                                             0.008 0
                                                      0.008 0
        0
                                                               0.008 0
0.006 0
        0.007 0.006 0.008 0
                          0
                               0
                                  0.008 0 0
                                               0
                                                  0.008 0
0.006 0 0
           0.004 0
                     0.006 0.008 0
                                  0
                                      0
                                        0
                                             0.008 0.004 0.006 0.006 0
   0 0.006 0
                  0 0
                         0.006 0
                                      0.006 0
                                               0
                                                  0
                                                      0.008 0
               0
                                   0
0.004 0.006 0.004 0
                  0.008 0
                           0
                               0
                                  0.008 0
                                           0
                                               0
                                                  0
                                                      0
                                                         0.006 0
                                                                  800.0
 251 251:000072 251:000072
                                                           0
                           0
                               0
                                  0
                                      0
                                         0 0 0
                                                   0
                                                       0
                                                               0.008
                0
                     0 0
                            0
                               0
                                   0
                                      0
                                          0.008 0
                                                   0
                                                      0.008 0
              0
   0
       0
          0.008 0
                  0
                      0
                         0
                             0
                                 0.008 0
                                          0.008 0
                                                  0
                                                      0
                                                         0
                                                             0
        0.008 0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0 0
                                                    0
                                                        0.008 0
                            0
                               0
                                          0.008 0
                                                   0
                                                     0 800.0
       0
          0
              0
                 0
                     0
                        0
                                   0
                                      0
                                                             0.008 0
   0.008 0.008 0
                 0.008 0
                          0
                             0.008 0
                                      0
                                          0.008 0
                                                  0
                                                      0
                                                         0
   0.008 0
            0
               0
                   0
                      0
                          0
                             0.008 0
                                      0
                                          0
                                             0 0
                                                    0
                                                        0
                                                           0
                                                               0.008 0
                                                   0.008 0
                                                           0
0.008 0 0
            0
               0
                   0
                      0
                          0
                              0
                                 0
                                     0
                                       0
                                           0
                                              0
   0
      0
          0.008 0
                      0
                                           0
                                                   0
                   0
                          0
                             0
                                 0
                                     0
                                        0
                                               0
                                                      0
                                                          0
                                                             0
                                                                 0
0.008 0
        0
            0
                      0
                             0
                                 0
                                     0.008 0.008 0
                          0
                                                   0
                                                      0
                                                          0
                                                                    0
0.008 0 0.008 0.008 0
                      0
                          0
                             0
                                 0
                                    0
                                        0.008 0
                                                    0
                                                           0
                                                 0
                                                        0
                                                               0
                                                                  0.008
               0
                   0.008 0 0
           0
                               0.008 0
                                        0.008 0
                                                           0
   0 0 0 0.008 0
                      0.008 0
                               0
                                   0 0
                                          0 0
                                                 0
                                                    0
                                                           0
                                                                   0
                                                        0
                                                               0
0.008 0
        0
           0
               0.008 0
                        0.008 0
                                 0
                                    0
                                       *0.172 0
                                                 0.008 0
                                                          0
                                                             0.008 0
       0.172 0
               0.008 0
                        0 0 0
                                  0
                                      0 0 0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                      0
```

```
0.008 0 0 0 0 0 0 0 0
                                                0 0
             0
                0 0
                      0.172 0
                               0
                                   0
                                     0
                                         0
                                             0
                                                0
                                                   0 0.008 0.008 0
          0.008 0
                 0 0.008 0
                             0
                                 0
                                    0 0 0
                                              0 0
                                                     0
                     0.008 0
                              0
                                    0.008 0
                                            0.008 0
                                                            0.008 0
       0
          0 0
                 0
                                 0
                                                     0
                                                        0
0.008 0.008 0 0 0.008 0
                        0 0.008 0
                                    0.008 0
                                            0
                                                0
                  0 0
                        0
                            0
                               0 0 0 0 0.008 0
      0.008 0
              0
                                                 0
                                                     0
                                                        0
                                        0.008 0.008 0.008 0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
 252 252:000072 102:000030
                        +
                          0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                            0
                                                                0
   0
          0
             0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                                0
   0
                       0
                              0
                                 0
                                     0
                                        0
                                           0
                                                  0
                                                         0
0
      0
          0
             0
                0
                    0
                          0
                                               0
                                                     0
                                                            0
                                                                0
        0
                     0
                            0
                                                0
           0
               0
                 0
                        0
                              0
                                   0
                                     0
                                         0
                                            0
                                                       0.043 0
                              *0.283 0
0
   0
      0
          0
                0
                    0
                       0
                          0
                                       0
                                          0
                                             0
                                                 0
                                                    0
                                                       0
             0
0
   0
      0
          0
                0
                    0
                       0
                                 0
                                     0
                                        0
                                           0
                                                  0
                                                     0
                                                         0
             0
                           0
                              0
                                               0
                                                            0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                                 0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
                              0
                                     0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
0
   0
          0
                       0
      0
             0
                0
                    0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
      0
          0
             0
                    0
                       0
                          0
                                 0
                                    0
                                        0
                                               0
                                                  0
                                                     0
                0
                              0
                                           0
                                                         0
                                                            0
0
   0
          0
                       0
                              0
                                    0
                                        0
                                           0
                                                         0
                                                                0
      0
             0
                0
                    0
                          0
                                 0
                                               0
                                                  0
                                                     0
                                                            0
                                     0
   0
      0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                        0
                                           0
                                               0
                                                  0.043 0
                                                         0
0.283 0
       0
          0.043 0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                            0
              0
                 0 0
                        0
                            0
                              0 0 0
                                         0
                                            0
                                                0
         0 0 0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
      0
   0.043 0
             0
                 0.043 0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0.043 0
           0
0.043 0
                 0 0
                              0 0 0
                                         0
                                                0
           0
              0
                       0
                            0
                                            0
                                                  0
                                                       0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                            0 0 0 0
                              0.043 0 0
                                        0
                                                         0
                    0
                       0
                          0
 253 253:000072 215:000062
                        + 0
                              0
                                 0.006 0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0.007 0
0.006 0.008 0 0
                0
                    0
                              0.008 0.01 0
                                          0 0.008 0
                                                         0.008 0.008
                       0
                          0
      0.008 0
              0 0.008 0
                                           0.008 0
                                                   0.008 0 0 0 0
                              0
                                 0
                                    0
                                       0
      0.008 0
              0.008 0
                      0
                         0
                              0
                                 0
                                    0
                                       0
                                           0.008 0
                                                   0 0
                                                          0.008
                       0 0.007 0.007 0
                                           0.007 0.008 0 0
          0.007 0
                    0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0 0.008 0
                                                   0 0.008 0
0.008 0.008 0
                0.008 0.008 0 0 0.008 0
             0
                                            0
                                                0
                                                   0
                                                          0.007 0.008
  0
      0
         0
             0
                0
                    0
                       0 0.008 0 0.008 0 0 0 0.007 0
                                                          0.007 0
0.007 0.008 0
                                         0 00 0 0.008 0
             0
                0
                    0.008 0
                            0 0
                                  0
                                     0
                                     0.008 0 0 0.007 0
   0
      0
          0
                             0.008 0
                                                         0 0.007 0
0
             0
                0
                    0
                       0
                          0
      0.008 0.008 0
                    0
                       0 0 0 0 0 0.008 0 0.008 0
      0.01 0.008 0
                   0.800.0 800.0
                                0 0
                                      0.008 0.008 0.007 0.008 0
0.008 0
           0.008 0
                    0.008 0 *0.011 0.008 0
                                         0
                                            0
                                                0
   0.008 0
           0.008 0.007 0 0 0 0 0
                                         0
                                             0.007 0 0.007 0
                                                             0.008 0
   0.008 0.008 0.008 0 0 0
                               0.008 0
                                         0.008 0 0
                                                     0.008 0
                                                             0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                         0 0 0 0.006 0.008 0 0
```

```
0.008 0 0 0 0 0.008 0 0.006 0 0 0 0 0 0 0
                                                         0.007 0 0
         0
             0
               0.007 0 0 0 0.008 0 0
                                          0 0
                                                0.008 0
0.008 0.008 0.007 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                        0.008 0.007
                   0.008 0
                          0.008 0 0 0 0.007 0
                                                  0.008 0
         0 0 0
                                                         0 0
       0.008 0
                      0.008 0
                             0.800.0 800.0
0.008 0
                0
                   0
                                           0
                                               0.008 0
                                                      0.008 0.008 0
0.008 0 0 0.008 0
                      0 0 0 0 0 0.008 0
                                               0
                                                  0.006 0 0 0
                   0
     0.008 0.007 0
                      0 0.007 0 0 0 0 0
                                               0
                   0
                                                  0
                                                     0
                                                        0
         0.008 0.008 0.008 0
                           0
                              0
                       + 0 0 0 0 0
                                              0.006 0 0.006 0 0
 254 254:000072 41:0000109
                                          0
      0.006 0
                 0
                              0 0.006 0
                                          0
                                             0
                                                 0.006 0
                                                         0
              0
                     0
                       0 0
                           0 *0.147 0 0
   0.006 0
                                              0
          0
              0
                  0
                     0
                       0
                                          0
                                                 0
                                                    0
         0 0.006 0
                     0.006 0 0.006 0.147 0
                                          0.006 0
                                                  0
                                                     0
0.006 0
       0
          0
              0 0
                    0
                       0 0 0 0 0.006 0 0
                                                 0
                                                    0
                                                       0
                                                           0
            0.006 0 0 0.006 0 0
                                       0
                                          0 0
                                                 0.006 0
         0
         0
             0 0 0 0 0 0 0 0 0.006 0 0.006 0 0
0.006 0
       0
          0
              0
                 0 0
                       0 0 0 0
                                    0.006 0.006 0
                                                 0 0
                                                         0.006 0.006
         0.006 0 0.006 0 0.006 0
                                  0
                                     0
                                        0
                                           0.006 0 0 0
             0 0 0.006 0 0 0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                  0 0.006 0
          0 0.006 0
                      0 0.006 0
                                                  0.006 0.006 0
   0.006 0
                                     0
                                        0
                                            0
                                               0
             0
               0
                   0
                      0
                          0
                            0 0 0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                       0.006 0
                       0 0
                              0 0
                                     0 0.006 0
                                                0.006 0
0.006 0
       0
          0
              0
                 0
                    0
                                  0.006 0
              0
                 0 0
                       0
                           0
                              0
                                          0 0
                                                 0.147 0
   0
                0
                   0
                      0
                          0
                            0 0
                                    0.006 0
                                           0 0 0
                                                    0.006 0.006 0
      0
         0
             0
                       0.006 0
                                                      0.006 0
   0
      0
         0
             0
                0
                   0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                               0.147 0
                0.006 0
                                  0
                                         0
                                                       0 0
0
   0
      0
         0
             0
                       0
                           0
                               0
                                     0
                                            0
                                                              0
   0
         0
             0
                0
                   0
                       0.006 0
                               0
                                  0
                                     0.006 0.006 0
                                                  0
                                                     0
                                                         0.006 0
0.006 0
       0.006 0
                0.006 0
                        0
                           0
                              0
                                  0
                                     0.006 0
                                            0 0.006 0
                                                            0
0.006 0
                           0
                               0.006 0 0 0.006 0
          0
              0
                 0
                     0
                        0
                                                  0
                                                     0
                                                            0.006
0.006 0
              0
                     0
                           0
                               0
                                  0
                                        0
                                            0
           0
                  0
                        0
                                     0
                                               0
                                                  0
                                                      0
0.006 0
        0.006 0.006 0
                     0.006 0
                             0.006 0
                                    0 0
                                           0.006 0
                                                          0
                                                   0
                                                       0
                                                             0
   0.006
 255 255:000072 38:0000103
                       + 0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                       0
                                                              0
                                                    0
                                                           0
                             0
                                0
                                    0
                                       0
                                          0
0
   0
      0
         0
             0
                *0.043 0
                        0
                           0
                               0
                                 0
                                      0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                    0
                                          0
                                                 0
                                                       0
                   0
                       0
                          0
                             0
                                0
                                       0
                                              0
                                                    0
0.043 0
           0
              0
                 0
                     0
                       0
                           0
                               0
                                  0
                                    0
                                         0
                                            0
                                               0
                                                 0 0.043 0
                   0
                       0
                          0
                             0.043 0
                                     0
                                         0
                                               0
                                                      0
                       0
                                    0
                                                 0
0
      0
             0
                0
                   0
                          0
                             0
                                0
                                       0
                                          0
                                              0
                                                    0
                                                       0
                                                           0
0
                     0
                           0
                              0
                                  0
                                    0
                                         0
                                               0
   0.043 0
           0
              0
                 0
                       0
                                           0
                                                  0
                                                      0
0
                       0
                                              0.043 0
   0
      0
         0
             0
                0
                   0
                          0
                             0
                                0
                                    0
                                       0
                                          0
                                                      0
                                                        0
                                                            0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                                0
                                    0
                                       0
                                          0
                                                 0
                                                    0
0
             0
                   0
                       0
                                       0
                                                 0
                                                    0
                                                       0.043 0
   0
      0
         0
                0
                          0
                             0
                                0
                                    0
                                          0
                                              0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                        0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0.043 0 0 0 0 0.043 0.043 0 0
```

```
0.043 0 0 0.043 0 0 0 0 0 0 0 0 0 0 0 0
0.043 0
      0
         0
            0
              0 0
                    0 0
                         0 0 0 0
                                     0
                                        0
                                          0 0
           0 0 0 0 0 0 0
                                 0
                                    0
                                       0
              0.043 0 0 0 0 0
0 0.043 0
         0
            0
                                    0 0
                                          0.043 0
                                        0
0.043 0
               0
                 0
                    0
                       0
                         0 0 0 0
                                     0
                                           0
        0 0 0 0.043 0 0 0 0 0 0
0.043 0 0
                                         0 0 0
           0 0 0.043 0 0
                         0 0.043 0.043 0
                                        0
                                           0
                                              0
           0
             0 0 0 0
                        0 0.043 0
                                  0
                                        0
                                              0
                                                      0
                                     0
                                           0
 256 256:000072 215:000062 + 0
                         0
                            0.006 0
                                   0 0 0
                                           0
                                                 0.007 0 0
0.006 0.008 0 0 0 0 0
                         0.008 0.01 0
                                   0 0.008 0
                                                0.008 0.008
                      0
0 0 0.008 0 0 0.008 0
                         0
                            0
                              0
                                 0
                                    0.008 0
                                           0.008 0 0 0 0
0 0 0.008 0 0.008 0 0
                         0
                            0
                              0 0
                                    0.008 0
                                          0 0
                                                0.008
0.008 0 0
        0.007 0 0 0 0.007 0.007 0 0
                                    0.007 0.008 0 0 0.008 0
0.008 0.008 0.008 0 0 0 0.01 0.008 0.008 0 0.008 0
                                          0 800.0
0.008 0.008 0
           0
              0.008 0.008 0 0 0 0.008 0
                                     0 0
                                           0
                                              0
                                                0.007 0.008
                0 0 0.008 0 0.008 0 0 0 0.007 0
0 0
     0 0
           0
              0
                                                 0.007 0
0.007 0.008 0
           0
             0
                0.008 0 0 0 0
                               0 0 0 0 0.008 0
                   0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
 0
     0 0
           0
             0
                0
                   0 0 0 0 0 0 0.008 0 0.008 0
     0.008 0.008 0
                0
     0.01 0.008 0
                0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0 0.008 0
                0.008 0 *0.011 0.008 0
                                  0 0 0 0 0 0.007 0
  0.008 0
         0.008 0.007 0 0 0 0 0
                                  0
                                     0.007 0 0.007 0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                           0.008 0
                                  0.008 0
                                  0 0 0 0.006 0.008 0 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
0.008 0 0 0 0.008 0 0.006 0 0
                                  0 0
                                        0
                                           0
                                                0.007 0 0
0 0 0 0 0 0.007 0 0 0.008 0 0 0
                                         0.008 0
0 0.008 0.007
0 0 0 0 0
             0
                0.008 0 0.008 0 0 0 0.007 0
                                          0.008 0
0.008 0 0.008 0 0
                   0.008 0 0.008 0.008 0 0
                                        0.008 0 0.008 0.008 0
                0
0.008 0 0 0.008 0
                0
                   0 0 0 0 0 0.008 0
                                        0
                                          0.006 0 0 0 0
  0 0.008 0.007 0
                   0 0.007 0 0 0 0 0
                                           0 0
                0
                                        0
                                                0 0
        0.008 0.008 0.008 0 0
 257 257:000073 40:0000107 + 0 0 0 0 0
                                       0.006 0 0.006 0 0 0
     0.006 0
           0
               0
                  0
                    0 0 0 0.006 0
                                    0
                                       0
                                          0.006 0
  0.006 0 0 0
               0
                  0 0 *0.045 0 0 0
                                       0
                                          0
                                             0
                                                  0
                                                     0
        0 0.006 0
                  0.006 0 0.006 0 0 0.006 0
                                          0
                                               0
0.006 0 0
        0
            0 0
                 0 0 0 0 0 0.006 0
                                       0
                                          0
                                             0
                                               0
           0.006 0 0 0.006 0 0 0 0
                                     0
                                          0.006 0
           0
             0 0.045 0 0 0 0 0 0.006 0
                                          0.006 0
  0.006 0.045 0
                                    0.006 0.006 0 0 0
             0 0 0 0 0 0 0
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0
                                        0
                                           0.006 0
                                                  0
           0
             0 0 0 0.006 0 0 0
                                     0
                                        0
                                          0 0 0
  0 0 0.006 0 0 0.006 0 0 0.006 0 0 0.045 0 0 0.006
```

```
0.006 0.045 0 0 0
                   0 0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                                0
                                                   0
0.006 0 0.006 0
               0
                   0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0.006 0
                                                       0.006 0
          0 0 0 0 0
                           0
                             0
                                 0
                                   0.006 0
                                            0
                                                0
                                                   0
                                   0
                                      0.006 0 0 0 0.006 0.006
      0
        0
            0 0 0
                     0
                         0
                            0
                                0
                                                      0
   0.045 0
          0
             0
                0
                   0
                       0
                           0.006 0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                   0
                                   0
                                      0
0.045 0 0
              0 0 0
                      0
                           0.006 0
                                         0.045 0
                                                 0
                                                    0
         0
        0 0 0 0
                      0
                         0
                            0
                                0
                                   0.006 0
                                          0 0
                                                 0.006 0.006 0
      0
   0.006 0
          0.006 0 0.006 0
                          0.006 0
                                  0.045 0
                                              0
                                                 0.006 0
                                          0
                                                         0 0
0.006 0 0
           0
              0.006 0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0 0.006 0
                                                    0 0.006 0 0
                                                  0.045 0
     0.006 0.006 0
                  0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
0.045 0 0
          0 0.006 0
                      0.006 0.006 0
                                  0.006 0
                                          0.006 0
                                                  0
                                                     0
                                                        0.006 0
      0
        0 0
               0
                   0.006
 258 258:000073 70:0000179
                       + 0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
                                               0
                                                   0
                                                      0
                                                             0
                            0
                                0
                                   0
                                      0
                                         0.007 0 0 0.007 0
            0
               0
                   0
                      0
                         0
0.007 0 0 0 0.007 0
                      0
                         0
                            0
                                0
                                   0.007 0
                                          0.007 0
                                                  0
                                                      0
0.007 0 0.007 0
               0
                   0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                   0.007 0
        0 0 0.038 0.038 0
                          0
                              0.038 0 0
                                          0 0.007 0
                                                    0
                                                           0.007
         0 0.007 0.007 0
                         0.007 0
                                 0
                                   0.007 0
                                           0
                                               0.007 0
                                                       0
0.007 0 0 0 0.007 0
                                   0.038 0.007 0
                      0
                         0
                            0 0
                                               0
                                                  0 0
                                                        0
                                                            0
   0.007 0
          0.007 0 0
                      0
                         0.038 0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                           0.007 0
                   0
                      0.007 0
                                       0
0
      0
            0
               0
                             0
                                 0
                                    0
                                           0
                                              0
                                                 0
                                                    0
                                                       0
                                                           0
                                                              0
0
         0.007 0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0
                                           0.007 0.007 0
                0
0
      0
         0.007 0
                0.007 0.007 0
                              0
                                 0
                                    0
                                       0
                                           0
                                              0.007 0
                                                      0
                                                        0
   0.007 0.007 0.038 0
                          0.007 0 0
                                     0.007 0
                    0
                       0
                                              0.007 0
         0 0.038 0 0
                       0.007 0 0.007 0.038 0 0 0 0
0
                                                      0
       0.038 0
                             0.007 0 0.007 0 0
               0.007 0
                       0
                          0
                                                0
                                                    0
                                                       0
   0.007 0
           0.038 0
                   0
                      0
                         0.007 0 0 0.038 0 0 0 0 0
                                                        0
                                 0 0 0 0 0 0
         0
            0
                0
                   0
                      0
                         0.007 0
                            0 0
                                  0
                                      0
                                         0 0
                                               0
   0
      0
         0
            0
               0
                   0
                      0
                         0
                                                   0
                                                      0
0.007 0.007 0
                             0 0.007 0
                                               0 0.038 0
            0
               0
                   0
                      0.007 0
                                         0
                                           0
   0
      0
         0
            0
                0.007 0
                      0 0
                             0.038 0 0.007 0 0 0
                                                    0.007 0
                0.007 0.007 0
                             0
                                 0.007 0 0
                                           0.007 0
                                                    0.007 0
         0.007 0
   0
            0
                   0
                      0.007 0
                              0 0 0 0 0 0 0 0 0.007 0 0
      0
         0
               0
   0
      0
         0
            0
               0
                   0
                      0 0 0 0 0 0 0 0 0
                                                     0.007 0.007
0.007 0
       0
           0
 259 259:000073 8:0000019 + 0 0
                              0 0
                                    0 0 0.006 *0.035 0.006 0
         0.006 0
                                    0.006 0 0 0 0.006 0
                 0
                    0
                       0
                          0
                              0
                                 0
                                    0 0 0 0 0
              0
                                 0
                                                           0.035 0
0
      0.006 0
                 0
                    0
                       0 0
                              0
                                                    0
         0 0.006 0 0.006 0 0.006 0
                                       0.006 0 0 0 0
                                    0
      0.035 0
               0 0
                      0 0
                            0 0
                                  0
                                     0.006 0 0
0.006 0
                                                 0
                                                    0
                                                       0
                       0 0.006 0
               0.006 0
                                   0
                                      0
                                         0 0
                                               0 0.006 0
0
         0
            0
               0
                   0
                      0
                         0
                           0
                                0
                                   0
                                      0
                                         0.006 0 0.006 0 0.035 0
      0.006 0
              0
                0
                    0.035 0
                            0
                               0.035 0
                                       0
                                           0
                                             0.006 0.006 0
0.035 0.006 0.006 0 0 0 0.006 0
                               0.006 0 0.006 0 0
                                                 0 0 0.006 0
```

```
0.035 0.006 0 0
          0 0 0 0
                      0
                           0
                              0
                                                   0 0 0
   0.006 0
           0
               0
                  0 0.006 0
                              0
                                  0.006 0
                                          0.035 0
                                                   0.006 0
                                                           0
                                                               0
   0.006 0.006 0 0 0
                       0
                           0
                              0
                                  0
                                     0 0
                                           0
                                                   0
      0.006 0.035 0.006 0 0 0
                               0 0 0
                                          0 0 0
                                                    0 0
                                                           0.006 0
           0 0.006 0
                              0
                                 0
                                     0
                                        0
                                            0
                                                   0.006 0
                       0
                          0
                                                0
      0 0 0.035 0 0 0 0
                                0 0 0 0
                                                 0
                                                     0.006 0
                                            0
                                                                    0
0.006 0.006 0 0
                0 0
                       0.035 0
                                0
                                   0
                                       0.006 0
                                              0
                                                   0
0.006 0 0 0 0
                 0 0
                        0 0
                               0.006 0.035 0 0
                                                    0.035 0
                                                 0
             0 0
                        0
                                                 0
                    0
                           0
                              0
                                  0
                                     0
                                         0.006 0
                                                    0 0.006 0.006 0
   0
      0.006 0
               0.006 0
                       0.006 0
                                0.006 0
                                        0
                                            0
                                              0
                                                   0
                                                      0.006 0 0
0.006 0
       0
           0
               0.006 0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0.006 0
                                                        0.035 0.006 0
   0
      0
          0.006 0.006 0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0 0
          0.006 0
                  0.006 0.006 0.035 0.006 0
                                          0.006 0
                                                      0
                                                          0.006 0
   0
                                                   0
          0.035 0
   0
      0
                  0.006
 260 260:000074 251:000072
                         + 0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                                 0
   0 0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0.008 0
                                                    0
                                                        0.008 0
               0.008 0
                              0
                                             0.008 0 0 0 0
0.008 0 0 0
                       0
                           0
                                  0
                                     0.008 0
0.008 0 0.008 0
                 0
                       0
                           0
                              0
                                  0
                                     0
                                            0
                                                0 0.008 0
                               0
                                         0.008 0 0 0.008 0
      0
          0
             0
                 0
                    0
                        0
                           0
                                  0
                                     0
                             0.008 0
                                                    0
   0.008 0.008 0
                 0.008 0
                         0
                                     0
                                        0.008 0
                                                 0
                                                        0
                                                           0.008 0
   0.008 0
               0
                  0
                      0
                             0.008 0
                                     0
                                        0
                                            0 0
                                                   0
                                                      0
                                                          0
                                                            0.008 0
           0
                         0
                                                 0.008 0
0.008 0
       0
            0
               0
                  0
                      0
                         0
                             0
                                0
                                    0
                                      0
                                          0
                                             0
                                                          0
   0
      0
          0.008 0
                  0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                   0 0
                                                           0
                                                               0
0.008 0
        0
           0
               0
                      0
                             0
                                    0.008 0.008 0
                                                    0
                                                        0
                                                                  0
                  0
                         0
                                0
                                                                 0.008
0.008 0
       0.008 0.008 0
                      0
                         0
                             0
                                0
                                   0
                                       0.008 0
                                                   0
                                                          0
                                               0
                                                      0
                                                             0
0.008 0
               0
                  0.008 0 0
                              0.008 0
                                       0.008 0
          0
                                               0
                                                   0
                                                          0
          0 0.008 0 0.008 0
   0 0
                              0
                                 0
                                     0
                                         0 0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0
                               0 0 *0.172 0
0.008 0
       0 0
               0.008 0
                       0.008 0
                                                0.008 0
                                                        0
                                                          0.008 0
      0.172 0
               0.008 0
                       0 0 0
                                  0
                                     0
                                        0 0
                                               0
                                                   0 0
                                                          0
                                                             0
                                                                    0
             0.008 0 0 0 0 0 0
                                      0 0 0 0 0
0
                      0.172 0 0 0 0 0
   0
      0
             0
                0 0
                                             0
                                                 0 0 0.008 0.008 0
          0.008 0
                  0
                     0.008 0
                              0
                                     0
                                           0
                                                   0
                                                          0
                                  0
                                         0
                                                0
                                                      0
                      0.008 0
0.008 0 0
          0 0
                  0
                              0 0
                                     0.008 0
                                             0.008 0 0
                                                          0
                                                             0.008 0
0.008 0.008 0 0
                0.008 0
                        0 0.008 0
                                     0.008 0
                                              0 0 0
                                                        0
                                                           0
      0.008 0
               0
                      0
                         0
                             0
                                0 0
                                      0
                                          0.008 0
                                                   0
                                                       0
                                                          0
                                                             0
                                                                 0
                  0
   0
      0
          0
                 0
                           0
                              0
                                  0
                                     0
                                         0.008 0.008 0.008 0
             0
                    0
                       0
 261 261:000074 261:000074
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
                           0
                                  0
                                         0
          0
             0
                 0
                    0
                        0
                               0
                                     0
                                            0
                                                0
                                                   0
                                                       0
                                                             0
                                                                 0
0
   0
      0
             0
                    0
                           0
                                  0
                                         0
                                            0
                                                0
                                                       0
                                                          0
                                                             0
                                                                 0
          0
                 0
                        0
                               0
                                     0
                                                   0
0
   0
                        0
                                     0
                                                   0
                                                                 0
      0
          0
             0
                 0
                    0
                           0
                               0
                                  0
                                         0
                                            0
                                                0
                                                       0
                                                          0
                                                             0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
```

```
0
         0
               0
                  0
                      0
                            0
                                  0
                                         0
                                               0
                                                     0
                                                        0
                                                            0
                               0
                                            0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
                                                            0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                            0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
                                                            0
0
   0
      0
         0
                  0
                      0
                                  0
                                     0
                                         0
                                               0
                                                     0
                                                            0
            0
               0
                         0
                            0
                               0
                                            0
                                                  0
                                                        0
                     *1
0
   0
         0
            0
                  0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                      0
                                                            0
      0
               0
                                                        0
0
      0
         0
            0
   0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
0
   0
      0
         0
            0
               0
                  0
                      0
                                  0
                                     0
                                         0
                                               0
                                                     0
                                                            0
                         0
                            0
                               0
                                            0
                                                  0
                                                        0
0
   0
      0
         0
            0
                      0
                                  0
                                     0
                                                            0
               0
                  0
                         0
                            0
                               0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
                                                            0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
                                                            0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
   0
      0
         0
            0
               0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                  0
                                                  0
 262 262:000074 215:000062
                      + 0
                            0
                               0.006 0
                                      0 0 0 0 0 0.007 0 0
                                                      0.008 0.008
0.006 0.008 0 0
               0
                  0
                     0
                         0
                            0.008 0.01 0
                                        0 0.008 0
0 0 0.008 0 0 0.008 0
                            0
                               0
                                  0
                                     0
                                        0.008 0
                                               0.008 0 0 0
0 0 0.008 0 0.008 0 0
                            0 0 0 0
                                        0.008 0
                                               0 0 0 0.008
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0
                                        0.007 0.008 0 0
                                                       0.008 0
0.800.0 800.0 800.0
                0 0 0.01 0.008 0.008 0 0.008 0 0 0.008 0
               0.008 0.008 0 0 0 0.008 0 0 0 0
0.008 0.008 0
            0
                                                      0.007 0.008
0 0
      0
               0
                     0 0.008 0 0.008 0 0 0 0.007 0
                                                      0.007 0
        0
            0
                  0
0.007 0.008 0
                  0.008 0 0 0 0 0 0 0 0.008 0
            0
               0
      0 0
            0
              0
                  0
                     0
                         0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
     0.008 0.008 0
                     0 0 0 0 0 0.008 0 0.008 0 0 0
                  0
0 0 0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0 0
0.008 0 0 0.008 0
                  0.008 0 *0.011 0.008 0 0 0 0 0 0 0.007 0
         0.008 0.007 0 0 0 0 0
0 800.0
                                       0
                                          0.007 0 0.007 0 0.008 0
0 0.008 0.008 0.008 0.008 0 0 0 0.008 0
                                       0.008 0 0
                                                0.008 0
                                                         0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                       0 0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                             0
                                               0 0
                                                      0.007 0 0
                                       0 0
        0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
0 0 0
                                                      0 0
0 0.008 0.007
                  0.008 0 0.008 0 0 0 0.007 0 0.008 0 0
0 0 0 0 0
0.008 0 0.008 0 0
                  0
                     0.008 0 0.008 0.008 0 0
                                             0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                  0
                     0 0 0 0 0 0.008 0
                                             0
                                                0.006 0
                                                       0 0
0 0 0.008 0.007 0
                  0 0 0.007 0 0 0 0
                                         0
                                             0
                                                0 0
                                                      0 0 0
         0.008 0.008 0.008 0 0
 263 263:000074 263:000074
                        0.021 0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                            0
                                            0
                                              0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                                  0
0
                  0
                      0
                            0
                               0.021 0 0
                                             0
                                               0.021 0
   0
      0
         0
            0
               0
                         0
                                         0
                                                        0
                                                           0
                                                              0
                                             0
                    0
                          0 0
                                0
                                   0
                                       0
                                                0.021 0
                                                              0
         0
               0
                  0
                      0
                         0 0 0 0 0
                                            0 0
                                                  0
0
   0
      0
            0
0
               0
                  0
                      0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0.021 0
0
   0
      0
         0
            0
               0
                  0
                      0
                         0.021\ 0\ 0\ 0\ 0\ 0\ 0\ 0
```

```
0
                   0
                     0
                        0
                           0
                              0
                                0 0 0 0 0
        0
          0
             0
                0
                  0
                     0
                       0
                           0
                             0
                                0.021 0
                                       0
                                          0 0
                                               0
          0
                0
                  0
                     0
                        0
                           0
                              0
                                0
                                   0
                                      0 0
                                           0 0.021 0
             0 0 0 0 0 0 0 0 0 0 0.021 0 0 0
0.021 0 0
        0 0
             0.021 0 0.021 0
                             0
                                   0 0 0
          0
                           0
                                0
                                           0.021 0
0
  0
     0
        0
          0
             0
                0
                   0
                     0
                        0
                           0
                              0
                                0
                                   0
                                      0
                                        0
                                           0
                                              0
     0
        0
          0
             0
                0
                   0
                     0
                        0
                           0
                              0
                                *0.264 0.021 0
                                            0
                                              0.021 0
  0
             0
                0
                   0
                     0
                        0
                           0
                              0
                                                 0.021 0
     0
          0
                                0
                                   0
                                      0
                                         0
                                           0
0.264 0 0 0 0 0 0.021 0
                        0
                                   0
                           0
                              0
                                0
                                           0
                                              0
0.021 0 0
        0 0 0 0 0 0 0 0 0 0 0.021 0
                                           0
                                              0
                                                 0
                                                   0 0
 0 0 0 0 0 0 0 0 0 0 0 0
                                      0
0 0
                  0 0
                       0 0
                             0
                                   0
                                         0
                                              0
       0 0
                                0
                                      0
                                           0
0 0.021 0 0 0 0 0 0 0 0 0.021 0 0
                                        0
                                           0
                                              0
                                                 0
                                                   0 0
0 0 0
 264 264:000075 65:0000165 + 0.023 0 0.006 0
                                   0 0
                                        0 0
0.022\ 0.006\ 0 \quad 0.013\ 0 \quad 0 \quad 0 \quad 0 \quad 0
          0
             0 0.012 0 0 0 0 0.023 0 0.013 0
          0.023 0 0 0 0.022 0 0 0 0 0 0 *0.035 0
0.023 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0 0 0
             0 0
                  0 0
                                   0 0
                                        0
    0
        0 0
                       0
                          0
                             0
                                0
                                           0
                                              0
0.023 0 0.012 0
             0.012 0.022 0
                        0
                           0
                             0
                                0
                                   0 0 0.023 0
     0
        0
          0
             0 0
                   0
                     0 0
                           0 0
                                0.013 0 0 0 0 0
                   0
                       0
                          0
                              0
                                0
                                   0.022 0
             0
                0
                     0
                                         0 0.012 0
0.023 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
          0 0.023 0
                    0.023 0 0 0 0 0 0 0 0 0
        0
     0.023 0 0
              0
                 0
                    0 0 0 0 0 0.023 0.032 0.023 0
     0 0.023 0
                0
                    0.013 0 0 0 0 0 0 0 0
              0
0.021 0 0 0 0
                 0
                   0 0 0 0
                              0 0
              0
                                   0 0 0 0
0.021 0.023 0 0 0.023 0
                    0 0 0 0 0.006 0 0
                                        0 0
  0 0.006 0 0 0 0.023 0 0.021 0 0 0
                                       0 0.023 0
  0.021 0
        0 0 0 0
                   0 0.023 0
                                        0
                             0
                                0
                                   0
                                      0
                                                 0.006 0
  0.006 0.023 0 0 0 0 0 0 0 0
                                   0
                                         0
                                           0
                                              0
                                      0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                   0
                                      0
                                         0
                                                      0
  0 0 0 0 0 0 0
                       0.013 0 0 0 0 0 0
0.006\ 0 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0
 0.023 0
        0 0 0.021 0 0
                        0
                           0
                             0
                                0
                                   0
 265 265:000075 70:0000179
                   + 0
                        0
                           0
                              0
                                0
                                   0
                                      0
                                         0
                                           0
                                                    0
                                   0.007 0 0 0.007 0
0 0 0 0 0
            0
                     0
                        0
                           0
                              0
                                0
0.007 0 0 0 0.007 0
                  0
                     0
                        0
                           0
                              0.007 0 0.007 0 0
                                              0
0.007 0 0.007 0 0 0
                  0
                     0
                        0
                           0
                              0
                                0 0
                                      0
                                        0
                                           0.007 0
*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 0
                                                  0.007
0 0 0 0 0.007 0.007 0 0.007 0 0 0.007 0 0
                                        0.007 0
0.007 0 0 0 0.007 0 0 0 0 0 0.038 0.007 0 0 0 0 0 0
```

```
0.007 0 0.007 0 0 0 0.038 0
                                                                          0
                                                                                 0
                                                                                        0
                                                                                               0
                                                                                                              0
                                                                                                                                    0.007 0
                            0
                                   0
                                          0
                                                 0.007 0
                                                                   0
                                                                           0
                                                                                0
                                                                                       0
                                                                                                0
                                                                                                       0
                                                                                                              0
                                                                                                                           0
                                                                                                                                    0
                                                                                                                                         0
                     0.007 0
                                     0 0
                                                   0
                                                            0
                                                                   0
                                                                           0
                                                                                 0
                                                                                        0
                                                                                                0.007 0.007 0
                     0.007 0
                                     0.007 0.007 0
                                                                                                       0.007 0
0
              0
                                                                   0
                                                                          0
                                                                                 0
                                                                                        0
                                                                                               0
                                                                                                                        0
       0.007 0.007 0.038 0
                                                           0.007 0 0 0.007 0
                                             0
                                                    0
                                                                                                      0.007 0
                   0 0.038 0
                                           0
                                                   0.007 0 0.007 0.038 0 0 0 0
                                                                                                                        0
0.038 0 0.038 0
                                                            0 0.007 0 0.007 0 0 0
                                   0.007 0
                                                   0
                                                                                                                    0
       0.007 0
                        0.038 0
                                                 0 0.007 0 0 0.038 0 0 0 0
                                          0
                                                         0.007 0 0 0 0 0 0 0 0
                            0
                                          0
                                                  0
       0
              0
                     0
                            0
                                   0
                                          0
                                                 0
                                                         0
                                                               0 0
                                                                            0
                                                                                     0
                                                                                           0 0
                                                                                                         0
                                                                                                                  0
                                                                                                                         0
0.007 0.007 0
                            0
                                   0
                                          0
                                                 0.007 0
                                                                 0 0.007 0 0
                                                                                                0
                                                                                                          0 0.038 0
                                   0.007 0 0 0
                                                                 0.038 0 0.007 0 0 0
                                                                                                                     0.007 0 0.007
              0
                            0
                                    0.007 0.007 0
                                                                 0
                                                                          0.007 0 0 0.007 0
                                                                                                                     0.007 0
                     0.007 0
                                          0
                                                 0.007 0 0 0 0 0 0 0 0 0 0.007 0 0
                     0
                            0
                                  0
                                                 0 0 0 0 0 0 0 0 0 0 0.007 0.007
       0
              0
                     0
                            0
                                   0
                                          0
0.007 0 0
                       0
  266 266:000075 14:0000032 + 0
                                                                                             0
                                                                0
                                                                       0
                                                                              0
                                                                                     0
                                                                                                    0
                                                                                                           0
                                                                                                                  0
                                                                                                                         0
    *0.037 0
                        0
                              0
                                        0
                                              0
                                                      0
                                                             0.037 0
                                                                                      0
                                                                                             0
                                                                                                   0.008 0 0
                                                                                                                             0.008 0
       0.008 0
                                     0.008 0
                                                                              0
                                                                                     0.008 0 0.008 0
                       0 0
                                                        0
                                                                0
                                                                       0
                                                                                                                        0 0 0 0
       0.008 0
                      0.008 0
                                          0
                                                 0
                                                         0
                                                                0
                                                                       0
                                                                              0
                                                                                     0
                                                                                            0 0 00 0 0.008 0 0
                   0 0
                                 0
                                                                0
                                                                       0
                                                                              0
                                                                                     0
                                                                                            0.008 0 0.037 0.037 0.008 0
             0
                                          0
                                                 0
                                                         0
                     0.008 0.008 0
                                                 0.008 0 0 0.008 0
                                                                                            0 0.008 0.037 0 0 0.037
0.008 0 0 0.008 0
                                                 0
                                                        0
                                                               0
                                                                       0
                                                                             0
                                                                                     0.008 0 0 0 0 0 0 0
       0.008 0
                      0.008 0
                                                                              0
                                                                                     0
                                                                                            0
                                                                                                                        0 0.008 0
                                          0
                                                 0
                                                        0
                                                                0
                                                                       0
                                                                                                0
                                                                                                         0 0
0
                   0 0 0
                                                 0.008 0 0 0 0 0 0 0 0 0
                                          0
                                                 0 0 0 0 0 0 0 0.008 0.008 0
       0.037 0
                        0.008 0
                                          0
                     0.008 0 0.008 0.008 0 0 0 0 0 0.008 0 0
       0.008 0.008 0 0 0
                                                 0 0.008 0 0 0.008 0 0.008 0 0
0
                                  0 0
                                                0.008 0 0.008 0 0 0 0 0 0
                                                                                                                        0
             0.008 0 0 0 0.008 0 0.008 0 0 0 0 0.008 0
0
0
                     0 0 0.008 0 0 0 0.037 0 0.037 0 0 0 0
                                                                                                                                   0 0
                       0 000000
                                                               0
       0.037 0
                                                                       0
                                                                             0
                                                                                     0
                                                                                            0
                                                                                                  0
                                                                                                          0 0
                   0 0 0 0 0
                                                              0 0
                                                                            0
                                                                                     0
                                                                                             0
                                                                                                   0.037 0 0
                      0 0 0.008 0 0 0.008 0.037 0
                                                                                            0
                                                                                                   0.037 0
                            0.008 0 0 0 0 0.008 0
                                                                                            0
                                                                                                  0
                                                                                                          0.008 0
                                                                                                                            0.008 0 0
             0
                        0.008 0.008 0 0 0.008 0 0 0.008 0 0.008 0 0 0.037 0
       0.008 0
                            0
                                  0
                                        0.008 0 0 0 0 0 0 0 0 0 0.008 0 0
0
       0
              0
                                          0 0 0 0 0 0 0 0 0 0 0.008 0.008
  267 267:000076 65:0000165 + 0.023 0 0.006 0
                                                                                            0 0
                                                                                                          0 0 0 0 0
                                                                                            0.013 0
0.022 0.006 0
                                   0
                                          0 0 0
                                                              0 0
                                                                             0 0
                                                                                                            0 0
             0 0
                            0
                                   0 0.012 0 0 0 0 0.023 0 0.013 0 0 0.023 0
                            0.023 0
                                             0
                                                   0
                                                            0.022 0 0 0 0 0 0 *0.035 0
0.023 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \;
```

```
0
                            0
                                   0
                                          0 0
                                                         0
                                                              0
                                                                      0
                                                                             0
                                                                                      0
                                                                                             0
                                                                                                         0
0.023 0
                0.012 0
                                   0.012 0.022 0
                                                               0
                                                                      0
                                                                              0
                                                                                     0
                                                                                            0
                                                                                                 0
                                                                                                          0.023 0
                                   0
                                          0
                                                  0
                                                         0
                                                                0
                                                                       0
                                                                              0
                                                                                      0.013 0 0
                                                                                                               0
                                                                                             0.022 0
       0
                     0
                            0
                                   0
                                           0
                                                  0
                                                         0
                                                                0
                                                                       0
                                                                              0
                                                                                     0
                                                                                                               0 0.012 0
                                                            0 0 0
                0
                       0
                                0
                                     0
                                             0
                                                    0
                                                                                0
                                                                                        0
                                                                                              0
                                                                                                       0
                            0 0.023 0
                                                     0.023 0 0 0 0 0 0 0 0
                     0
              0.023 0
                                0
                                       0
                                             0
                                                     0
                                                            0
                                                                  0 0
                                                                                0 0.023 0.032 0.023 0
                     0.023 0
                                             0
                                                     0.013 0 0 0
                                                                                     0
                                                                                            0 0
                                       0
                                                                                                           0
0.021 0 0 0 0
                                       0
                                              0
                                                     0
                                                            0
                                                                    0 0
                                                                                0 0 0 0 0
0.021 0.023 0 0 0.023 0
                                                    0
                                                            0
                                                                   0
                                                                          0
                                                                                0.006 0
                                                                                                 0
                                                                                                          0
                                                                                                                  0
                                                                                                                         0
                                                                                                                                0
                                                                                                                                        0
       0 0.006 0 0 0 0.023 0 0.021 0
                                                                                0
                                                                                         0
                                                                                                             0.023 0
       0.021 0
                     0 0 0 0 0 0.023 0 0 0
                                                                                            0
                                                                                                           0
                                                                                                                  0
                                                                                                    0
                                                                                                                         0
                                                                                                                                 0.0060
       0.006 0.023 0 0 0
                                                                0
                                                 0 0
                                                                       0
                                                                              0
                                                                                     0
                                                                                            0
                                                                                                           0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                                                                            0
                                                                                                    0
                                                                                                           0
                                                                                                                         0
                                                                                                                                 0
                                                                                                                                        0
                                                                                                                                               0
                                                                                                                  0
                   0 0 0 0 0 0 0.013 0 0 0 0 0 0 0
0.006 0
                      0 0
                                     0 0
                                                   0 0 0 0 0.023 0
                                                                                                          0 0
                                                                                                                         0
                                                                                                                                 0
                                                                                                                                               0
               0
                                                                                                   0
      0.023 0
                      0 0
                                       0.021 0 0
                                                               0
                                                                       0
                                                                             0
                                                                                     0
  268 268:000076 14:0000032
                                                   + 0
                                                                0
                                                                       0
                                                                               0
                                                                                      0
                                                                                             0
                                                                                                    0
                                                                                                           0
                                                                                                                  0
                                                                                                   0.008 0 0
      *0.037 0
                       0 0 0
                                             0 0
                                                             0.037 0
                                                                               0
                                                                                      0
                                                                                            0
                                                                                                                              0.008 0
       0.008 0
                       0
                                0 0.008 0
                                                        0
                                                                0
                                                                       0
                                                                              0
                                                                                     0.008 0 0.008 0
                                                                                                                         0 0
      0.008 0
                       0.008 0
                                          0
                                                        0
                                                                0
                                                                       0
                                                                              0
                                                                                     0
                                                                                            0 0
                                                                                                          0 0 0.008 0 0
                                                 0
                            0
                                 0
                                                  0
                                                         0
                                                                0
                                                                       0
                                                                              0
                                                                                      0
                                                                                             0.008 0 0.037 0.037 0.008 0
              0
                     0.008 0.008 0
                                                  0.008 0 0 0.008 0
                                                                                            0 0.008 0.037 0 0 0.037
0.008 0
                                                                              0
                                                                                     0.008 0 0
                0
                       0
                                0.008 0
                                                  0
                                                        0
                                                               0 0
                                                                                                             0
                                                               0 0 0 0 0 0 0 0 0 0.008 0
       0.008 0
                                                        0
                      0.008 0
                                          0
                                                  0
                    0
                            0
                                 0
                                          0
                                                  0.008 0 0 0 0 0 0 0
                                                                                                             0 0
0
       0.037 0
                      0.008 0
                                          0
                                                 0 0 0 0 0 0 0 0.008 0.008 0
0
                     0.008 0 0.008 0.008 0 0 0
                                                                                        0 0 0.008 0 0
0
       0.008 0.008 0 0 0
                                                0 0.008 0 0 0.008 0 0.008 0 0 0
                            0 0 0
                                                0.008 0 0.008 0 0 0
0
                                                                                                          0 0 0 0
0
              0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008
                                  0.008 0
                                                   0 0 0.037 0 0.037 0
                                                                                                       0
                                                                                                             0
                                                                                                                     0
       0.037 0 0 0 0 0.008 0 0
                                                                      0 0
                                                                                     0
                                                                                            0
                                                                                                    0 0 0 0 0
                                                                                                                                       0 0
                     0 0 0 0 0
                                                                0
                                                                       0
                                                                              0
                                                                                      0
                                                                                             0
                                                                                                    0.037 0 0
                                                                                                                                    0.008
0.008 0
                      0 0 0.008 0 0
                                                               0.008 0.037 0
                                                                                            0
                                                                                                   0.037 0
                0
                                                                                                                     0
                                                                                                                            0
                   0 0.008 0 0 0 0 0.008 0
                                                                                            0
                                                                                                    0 0.008 0
                                                                                                                             0.008 0 0
                      0.008 0.008 0
                                                  0 0.008 0 0 0.008 0 0.008 0 0
                                                                                                                              0.037 0
      0.008 0
                                  0
                                          0.008 0 0 0 0 0 0 0 0 0 0.008 0 0
                            0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008
0
       0
              0
                     0
       0
              0
  269 269:000076 6:0000017
                                                   + 0
                                                               0
                                                                      0
                                                                              0
                                                                                    0
                                                                                           *0.109 0
                                                                                                             0
                                  0
                                                  0
                                                                0
                                                                       0
                                                                              0
                                                                                      0
                                                                                             0
                                                                                                    0
                                                                                                           0
                                                                                                                         0
                                                                                                                                 0.109 0
              0
                     0
                            0
                                          0
                                                         0
                                                                                                                  0
                                          0
                                                  0
                                                         0
                                                                0
                                                                       0
                                                                              0
                                                                                      0
                                                                                             0
                                                                                                    0
                                                                                                           0
                                                                                                                         0.083 0
0.109 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \;
```

```
0
   0
      0
          0
                 0.029 0
                             0
                               0
                                    0
                                      0 0
                                            0 0 0
0
   0
      0
          0
             0
                 0
                    0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                                 0
                           0
                              0
0
   0
      0
          0
             0
                 0
                    0
                                  0
                                     0
                                         0
                                            0
                                                0.038 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                          0
                                                              0
0
   0
      0
          0
                                                     0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0.109 0
                                             0
                                                 0
                                                        0
0
   0
                    0.109 0
                                    0
      0
          0
             0
                 0
                             0
                                0
                                      0
                                          0.029 0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
0
      0
             0
   0
          0
                 0
                    0
                        0
                                  0
                                     0
                                         0
                                                0
                                                   0
                                                       0
                           0
                              0
0
   0
          0
                                                                 0
      0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                   0
                                                       0
                                                          0
                                                             0
                                                0
0
   0
          0
             0
      0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                          0
                                                             0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                          0.109 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
   0
          0
                        0
                                     0
                                            0
                                                   0
      0
             0
                 0
                    0
                           0
                              0
                                  0
                                         0
                                                0
                                                       0
                                                          0
0.109 0
        0
                      0
                        0
                             0
                                    0
                                      0
                                          0
                                                 0
           0
               0
                 0
                                0
                                             0
                                                    0
                                                        0
                                                           0
                                                               0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                     0
                                                   0
0
   0
       0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                         0
                                            0
                                                0
                                                       0
                 0.029 0
                        0 0 0 0 0 0 0 0 0 0 0.029 0
             0
 270 270:000077 34:0000095
                        + 0
                              0
                                  0
                                     0
                                         0
                                           0 0.008 0.006 0.008 0
                              0.007 0.006 0
                                              0.004 0 0.006 0 0.008
0.006 0 0 0
               0.008 0 0 0
                                            0
      0.007 0
               0
                  0.008 *0.013 0 0
                                   0
                                      0
                                          0
                                              0.006 0.006 0 0 0 0
      0
          0.006 0
                      0 0 0
                               0.004 0.006 0.008 0
                                                   0.008 0.006 0
                  0
                                                                0.008
   0.006 0
               0
                  0
                      0.008 0
                              0.006 0
                                       0
                                          0 0 0.013 0 0 0
0.006 0 0
                                                   0.01 0.008 0 0 0
           0
               0
                  0
                      0 0
                             0
                                0
                                  0
                                       0
                                          0.008 0
          0.008 0
                                      0.006 0 0
                  0
                      0
                         0
                             0
                                0
                                    0
                                                   0.006 0
0.006 0 0.004 0 0.008 0.006 0.006 0 0
                                      0 0.004 0.006 0 0 0.006 0
           0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.004\ 0 0\ 0.007\ 0 0.008\ 0 0.01\ 0.007\ 0 0 0 0 0
      0.006 0.008 0 0.006 0.007 0.006 0 0 0 0.006 0
                                                     0.004 0 0.007 0
   0.004 0
              0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008
           0
0.006 0
                                  0 0 0.006 0 0.006 0 0
               0
                 0.006 0 0 0
0.008 0.006 0.008 0
                 0 0 0 0 0 0 0.006 0
                                              0 0 0.008 0.006 0.008
   0.013 0
                       0 0
                              0
                                     0
                                         0
                                            0
                                               0.008 0
           0.008 0
                    0
                                 0
                                                        0
   0.006 0
           0.006 0 0 0 0
                              0 0
                                     0
                                        0
                                            0
                                               0
                                                   0.008 0
                                                               0 0
                                                           0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0 0.004 0
                                                            0.01 0
                                                     0
                                                        0
0.007 0
       0 0.008 0.006 0 0.006 0.006 0 0.006 0
                                              0 0.008 0.006 0
                                                                0.006
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                            0 0
                                                   0
                                                     0
0.008 0
       0
          0 0.008 0.004 0 0 0 0.004 0
                                            0.008 0
                                                    0.008 0
                                                             0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0 0.008 0 0
                                             0
                                                 0.008 0
                                 0 0 0 0.008 0.004 0.006 0.006 0
0.006 0
        0 0.004 0 0.006 0.008 0
  0 0.006 0
               0
                 0 0
                        0.006 0
                                     0.006 0
                                             0
                                                 0
                                                    0.008 0
                                  0
0.004 0.006 0.004 0
                 0.008 0
                           0
                              0
                                  0.008 0
                                          0
                                             0
                                                 0
                                                    0
                                                        0.006 0
                                                                0.008
 271 271:000077 17:0000045 + 0
                              0
                                  0
                                     0
                                         0
                                           0
                                                         0
                                                             0
                                                0
                                                   0
                                                      0
                                                                 0
             *0.186 0
                     0 0
                             0
                                 0
                                    0
                                       0
                                          0
                                              0
                                                  0
                                                     0
0
   0
      0
             0 0 0 0 0 0 0 0
                                           0
                                                0
                                                  0
                                                      0
```

```
0
      0
          0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
          0
             0
                       0
0
   0
      0
                0
                   0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
0
   0
      0
          0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
             0
   0.186 0.186 0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
                                                                  0
0
                   0
                       0
                          0
                                 0
                                    0
                                        0
                                              0
                                                 0
                                                     0
                                                           0
                                                               0
0
      0
          0
             0
                0
                             0
                                           0
                                                        0
0
   0
      0
          0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                        0
                                                           0
                                                               0
             0
                                                     0
                    0
                       0
                          0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
             0
                0
                             0
                                                        0
0.186 0
        0
           0
              0
                  0
                     0
                        0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                         0
                                                             0
   0
      0
          0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0.186 0
0
   0
                                        0
                                                               0
      0
          0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
   0
                0
                       0
                                    0
                                        0
                                           0
                                                 0
      0
          0
             0
                   0
                          0
                             0
                                 0
                                              0
                                                     0
                                                        0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
0
   0
      0
          0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                           0
                                                        0
0.071 0
        0
              0
                  0
                     0
                       0
                            0
                               0
                                  0
                                     0
                                         0
                                                0
                                                   0
                                                      0
                                                             0
           0
                                            0
                                                         0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                               0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
 272 272:000077 38:0000103
                                                               0
                        + 0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
      0
          0
             0
                0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                     0
                    0
0
   0
                *0.043 0
      0
         0
             0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
             0
                   0
                       0
                          0
                             0
                                 0
                                   0
                                       0
                                           0
                                              0
                                                 0
                                                     0
0.043 0
        0
          0
              0
                0 0
                       0
                            0
                              0 0
                                    0
                                         0
                                           0
                                                0
                                                  0 0.043 0
                0
                       0
                          0
                             0.043 0
                                     0
                                         0
                                            0
                                                0
                                                  0
                                                      0
                   0
                                                       0
0
                       0
                          0
                             0
                                 0
                                   0
                                       0
                                          0
                                              0 0
                                                     0
      0
             0
                0
                   0
0
   0.043 0
           0
              0
                 0
                     0
                       0
                            0
                              0
                                  0
                                     0
                                         0
                                           0
                                                0
                                                   0
                                                      0
0
      0
          0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0.043 0
                                                      0
0
      0
          0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                                 0
                                                     0
                                                        0
0
   0
      0
             0
                   0
                       0
                          0
                                 0
                                    0
                                        0
                                           0
                                                 0
                                                     0
                                                        0.043 0
         0
                0
                             0
                                              0
0
   0
         0
                0
                       0
                                                 0
                                                     0
      0
             0
                   0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                        0
                                                 0.043 0.043 0
   0
      0
          0
             0
                0
                   0
                       0
                          0
                             0.043 0 0 0
                                           0 0
0.043 0 0
          0.043 0
                   0
                       0
                          0
                             0
                                    0
                                          0
                                              0
                                                 0
                                                     0
                                 0
                                       0
0.043 0 0
          0 0 0 0 0 0 0 0 0 0 0 0 0
  0 0
         0 0 0
                   0
                      0
                                   0
                          0
                             0 0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
  0.043 0
             0
                 0.043 0 0
                             0 0
                                    0
                                       0
                                          0
                                              0
                                                 0.043 0
          0
0.043 0 0
              0
                 0 0 0 0 0 0 0 0 0 0 0
          0
0.043 0
        0
          0
              0
                 0 0.043 0 0 0
                                   0 0
                                          0 0
                                                 0
                                                     0
                                                        0
                                                           0
                0 0.043 0 0 0 0.043 0.043 0
                                               0
                                                   0
                                                      0
               0 0 0 0 0 0.043 0 0 0 0 0
   0 0
             0
 273 273:000077 3:0000008
                       + 0.006 0
                                *0.254 0 0 0 0 0
0 0 0 0 0
                   0
                       0
                          0
                             0
                                 0 0
                                       0
                                           0.006 0 0 0.006 0
0.006 0 0
          0 0.006 0
                       0
                         0
                             0 0
                                   0.006 0.006 0.006 0
                                                         0 0.006 0
0
                                                         0.006 0
```

```
0.006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0.006
         0 0.006 0.006 0 0.006 0
                               0
                                  0.006 0 0
                                             0.006 0
                                                     0
                                                        0
                                                           0
      0 0.006 0.006 0 0
                         0 0
                                0
                                  0
                                      0.006 0
                                             0
      0.006 0 0.006 0 0 0 0 0 0 0 0
                                              0
                                                 0
                                                   0
                        0.006 0
               0
                               0
                                  0
                                     0
                                        0
                                            0
                                              0
                                                  0
         0.006 0.006 0
                     0
                        0
                           0 0 0 0
                                       0 0.006 0.006 0
0
  0
            0.006 0 0.006 0.006 0 0.006 0
                                       0.006 0
                                               0
                                                  0.006 0
         0.006 0.006 0
                     0
                        0
                           0.006 0.006 0
                                       0 0.006 0
                                                  0.006 0
0.006 0 0.006 0
                        0 0 0.006 0.006 0.006 0
              0
                  0
                     0
                                               0
         0
            0
              0 0.006 0 0
                            0 0.006 0
                                       0.006 0
                                               0
                                                  0
                                                     0
      0 0.006 0 0 0 0 0 0.006 0 0.006 0 0 0.006 0
      0.254 0 0 0 0 0 0
                            0
                                0
                                  0.006 0 0 0 0 0.006 0
              0
                 0.006 0
            0
                         0
                            0
                                0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
0.006 0 0 0 0.006 0.006 0
                                0
                                   0
                                      0.006 0 0.006 0.006 0
                            0
            0 0 0 0 0 0 0.006 0
                                     0
                                        0 0 0 0.006 0
0.006 0.006 0.006 0 0
                     0.006 0 0.006 0.006 0
                                         0 0.006 0 0
                                                       0.006 0
         0 0 0 0
                         0
                            0 0
                                  0.006 0 0 0 0 0
                      0
                                  0 0 0 0
  0.006 0
         0 0.006 0.006 0
                         0
                            0
                               0
                                              0 0.006 0
      0.006 0.006 0.006 0
 274 274:000078 28:0000081
                      + 0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                             0
                                                 0
                              0
                                     0
                                        0.008 0
                                               *0.057 0.008 0
        0 0
               0
                        0
                           0
                                  0
                  0
                     0
0.008 0 0 0 0.008 0
                     0
                        0
                           0
                              0
                                 0.008 0
                                        0.008 0
0.008 0 0.008 0
               0
                  0
                     0
                        0
                           0
                              0
                                 0.057 0
                                        0 0 0 0.008 0
                     0
                           0.057 0
                                  0 0.008 0
                  0
                        0
                                             0
                                                 0
                                                    0.008 0
0
      0.008 0.008 0 0.008 0
                         0
                             0.008 0 0 0.008 0 0 0 0.008 0
      0.008 0
             0
                0
                   0
                      0
                          0
                             0.008 0 0
                                       0 0
                                             0
                                                 0
                                                    0
                                                       0
                                             0
                                  0.057 0 0
0
   0.008 0
          0
             0
                0
                   0
                       0
                          0
                             0
                                0
                                                 0.008 0
0
              0.008 0
                          0
                                0
            0
                       0
                             0
                                      0
                                        0 0
                                              0 0
   0.008 0
             0
                0
                          0
                             0
                                0
                                   0.008 0.008 0
0
          0
                   0
                      0
                                              0
                                                  0
                                                            0
   0.008 0
          0.008 0.008 0
                                      0.008 0 0
                      0
                          0
                             0
                                0
                                   0
                                                    0
0.008 0.008 0 0.057 0 0
                      0.008 0 0 0.008 0 0.008 0
                                                0
                                                   0.057 0
                    0.008 0
                            0.008 0
              0 0
                                    0
                                       0
                                          0
                                             0
0
      0.008 0 0 0.008 0 0.008 0
                                  0
                                      0
                                        0
                                            0
                                              0.008 0
                                                      0
                                                          0.008
0
                                                     0.057 0 0
      0
            0
               0.008 0
                      0 0
                             0
                                0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
   0
               0.008 0
0
                          0
                             0
                                0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                         0
                      0
0
                                                    0.008 0.008 0
               0 0 0
                        0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
0
         0.008 0 0 0.008 0 0 0
                                 0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                       0
                                                          0.057
      0
         0 0 0 0
                      0.008 0
                              0
                                 0
                                    0.008 0 0.008 0
                                                          0.008
   0.008 0.008 0 0 0.008 0 0.057 0.008 0 0.008 0
                                             0
                                               0
                                                    0
                                                       0
                          0
                                  0 0
         0.008 0 0 0
                      0
                            0
                                0
                                         0.008 0
                                                    0
                                        0.008 0.008 0.008 0
            0 0 0
                    0 0
                           0
                              0
                                 0
                                    0
 275 275:000078 34:0000095 + 0
                           0
                              0
                                 0
                                    0
                                       0 0.008 0.006 0.008 0
             0.008 0 0 0
                           0.007 0.006 0
                                       0
                                         0.004 0 0.006 0
0 0 0.007 0 0 0.008 *0.013 0 0 0 0 0.006 0.006 0 0 0
```

```
0
          0.006 0
                  0
                      0 0
                             0
                                0.004 0.006 0.008 0
                                                   0.008 0.006 0
   0.006 0
            0
              0
                   0
                      0.008 0
                              0.006 0
                                       0
                                           0
                                              0 0.013 0 0
                                                                 0.008
0.006 0
               0
                   0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                           0.008 0
                                                    0.01 0.008 0
                                        0.006 0 0
      0
          0.008 0
                   0
                      0
                         0
                             0
                                0
                                    0
                                                    0.006 0
                                                            0
                                                                0
                 0.008 0.006 0.006 0
                                       0
        0.004 0
                                    0
                                           0.004 0.006 0
                                                       0 0.006 0
               0.006 0
        0
            0
   0.008 0
            0.004 0
                    0
                        0.007 0
                               0.008 0 0.01 0.007 0
                                                     0
      0.006 0.008 0
                    0.006 0.007 0.006 0 0
                                          0
                                             0.006 0
                                                       0.004 0
                                                               0.007 0
   0.004 0
               0.008 0 0.006 0
                               0.008 0
                                        0 0.006 0
                                                     0
                                                        0.008 0.008
0.006 0
       0
            0
               0
                  0.006 0
                           0
                              0
                                  0
                                     0
                                         0.006 0
                                                  0.006 0
                                                          0
0.008 0.006 0.008 0
                      0
                        0
                             0
                               0
                                    0
                                      0.006 0
                                                   0
                                                      0.008 0.006 0.008
   0.013 0
            0.008 0
                    0 0 0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.008 0 0
                                                                0.006 0
                                                            0
   0.006 0
            0.006 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                    0.006 0
                                             0.004 0
                                                      0
                                                         0
                                                             0.01 0
0.007 0
           0.008 0.006 0 0.006 0.006 0 0.006 0
                                               0
                                                   0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                                 0
0.008 0
            0 0.008 0.004 0 0 0 0.004 0
                                            0.008 0
                                                     0.008 0
                                                              0.008 0
0.006 0 0.007 0.006 0.008 0 0
                              0
                                  0.008 0 0
                                              0
                                                  0.008 0
                                                          0
                    0.006 0.008 0
                                            0.008 0.004 0.006 0.006 0
        0
            0.004 0
                                  0
                                     0 0
   0 0.006 0 0 0
                        0.006 0
                                  0
                                      0.006 0
                                             0
                                                  0
                                                     0.008 0
                                                             0.004
0.004 0.006 0.004 0
                  0.008 0
                              0
                                  0.008 0
                                              0
                                                  0
                                                     0
                                                        0.006 0
                           0
                                           0
 276 276:000078 34:0000095
                         + 0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.008 0.006 0.008 0
0.006 0 0
          0
               0.008 0 0 0
                               0.007 0.006 0
                                            0
                                               0.004 0
                                                         0.006 0
                                                                 0.008
                                           0 0.006 0.006 0
      0.007 0
               0
                   0.008 *0.013 0
                                 0
                                    0
                                        0
          0.006 0
                                0.004 0.006 0.008 0
                                                   0.008 0.006 0
       0
                   0
                      0 0 0
                                                                 0.008
   0.006 0
            0
               0
                   0
                      0.008 0
                               0.006 0
                                       0
                                           0
                                              0
                                                0.013 0
                                                          0
                                                                 0.008
0.006 0
        0
            0
               0
                   0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                           0.008 0
                                                    0.01 0.008 0
                      0
                                    0
          0.008 0
                   0
                          0
                             0
                                0
                                        0.006 0 0
                                                    0.006 0
0.006 0
       0.004 0
                0.008 0.006 0.006 0
                                    0
                                       0
                                           0.004 0.006 0
                                                       0
                                                            0.006 0
0.006 0 0
            0 0.008 0.008 0
                             0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
            0.004 0
                    0 0.007 0
                               0.008 0 0.01 0.007 0 0
                                                             0
                    0.006 0.007 0.006 0
                                              0.006 0
       0.006 0.008 0
                                       0
                                           0
                                                       0.004 0
   0.004 0
            0
               0.008 0 0.006 0
                               0.008 0 0 0.006 0 0 0.008 0.008
0.006 0
                  0.006 0 0 0
                                         0.006 0 0.006 0
               0
                                  0
                                     0
                                                          0
0.008 0.006 0.008 0
                                0
                                       0.006 0
                                                   0
                                                      0.008 0.006 0.008
                  0
                      0
                         0
                             0
                                    0
                                               0
   0.013 0
                    0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0.008 0
            0.008 0
                                                         0
                                                                0.006 0
   0.006 0
            0.006 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0.008 0
                                                            0
                                                                0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                    0.006 0
                                             0.004 0
                                                      0
                                                         0
                                                             0.01 0
        0
           0.008 0.006 0 0.006 0.006 0 0.006 0
                                               0
                                                   0.008 0.006 0
                                                                 0.006
0.006 0.006 0 0
                0.006 0.006 0
                                     0
                                                   0
                                                          0
                                                                 0
                              0
                                  0
                                        0
                                             0
                                                0
                                                       0
0.008 0
            0 0.008 0.004 0 0 0 0.004 0
                                             0.008 0
                                                     0.008 0
                                                              0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0 0.008 0 0
                                              0
                                                  0.008 0
            0.004 0 0.006 0.008 0 0 0 0 0.008 0.004 0.006 0.006 0
0.006 0
```

```
0 0 0.006 0 0 0 0.006 0
                                   0 0 0.008 0 0.004
                          0
                             0.006 0
0.004 0.006 0.004 0
              0.008 0 0
                       0
                          0.008 0
                                 0
                                   0 0 0 0.006 0 0.008
 277 277:000078 14:0000032
                        0
                                             0
                   + 0
                           0
                             0
                                0
                                   0
                                     0 0
                                           0
 *0.037 0
                       0.037 0
                                   0 0.008 0 0
                                               0.008 0
         0 0
               0
                0
                    0
                             0
                                0
  0.008 0
        0 0
              0.008 0
                     0
                        0
                          0
                             0
                                0.008 0 0.008 0
                                             0 0
  0.008 0
        0.008 0
                  0
                     0
                        0
                          0
                             0
                                0
                                   0
                                       0 0 0.008 0 0
                0
                                     0
0
     0 0 0 0
                     0
                             0
                                0
                                   0.008 0 0.037 0.037 0.008 0
                0
                  0
                        0
                           0
        0.008 0.008 0
                  0.008 0
                        0
                            0.008 0
                                  0 0.008 0.037 0
                             0
                                0.008 0 0 0 0 0 0 0
0.008 0 0
        0 0.008 0
                  0
                     0
                        0
                          0
  0.008 0
        0.008 0
                  0
                     0
                        0
                          0
                             0
                                0 0 0 0 0 0 0.008 0
               0
     0 0 0 0
                  0.008 0 0 0 0 0 0 0 0 0 0
0
                0
                  0 0 0 0 0 0 0 0.008 0.008 0
  0.037 0
        0.008 0 0
0
       0
  0.008 0.008 0 0 0
                  0 0.008 0 0 0.008 0 0.008 0 0 0 0
0
        0
          0 0 0
                  0.008 0 0.008 0 0 0
                                       0 0 0 0 0 0
     0.008 0 0 0 0.008 0 0.008 0
                              0
                                 0 0 0
                                        0.008 0
        0 0 0.008 0 0 0 0.037 0 0.037 0 0 0 0 0 0
0
        0 800.0 0 0 0
                       0
                          0 0
                                0
                                  0
                                        0 0 0 0 0 0
                                     0
                                     0.037 0 0
                                              0.008
       0 0 0 0 0
                          0
                     0
                        0
                             0
                                0
                                   0
0.008 0 0 0 0 0.008 0 0 0.008 0.037 0
                                  0
                                     0.037 0 0
                                              0
       0 0.008 0 0 0 0 0.008 0
                                  0 0
                                       0.008 0
                                              0.008 0 0
        0.008 0.008 0 0 0.008 0 0 0.008 0 0.008 0 0 0.037 0
        0
          0 0 0 0 0 0 0
                                  0 0 0 0.008 0.008 0.008
          0
0
  0
     0
 278 278:000078 40:0000107 + 0 0
                          0
                             0
                                0
                                   0
                                     0.006 0 0.006 0 0 0
     0.006 0
            0
              0
                 0
                   0 0 0 0.006 0
                                  0
                                     0
                                        0.006 0
  0.006 0 0 0
              0
                 0 0 *0.045 0 0 0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                0 0
     0 0.006 0
                 0.006 0 0.006 0 0 0.006 0
                                        0
                                          0
                                             0
        0 0 0
                0 0 0 0 0 0.006 0
0.006 0 0
                                     0
                                        0
                                           0
                                             0
          0.006 0 0 0.006 0 0 0 0 0
                                        0.006 0
        0
          0
            0 0.045 0 0 0 0 0 0.006 0
                                        0.006 0
0 0.006 0.045 0
            0 0 0 0 0 0 0 0 0.006 0.006 0 0 0.006
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0
                                      0
                                         0.006 0
                                               0
          0
             0
                0
                  0
                     0.006 0 0
                              0 0
                                   0
                                       0
                                         0 0
 0 0 0.006 0 0 0.006 0
                       0
                          0
                             0.006 0
                                   0
                                      0.045 0 0
                                               0.006
0.006 0.045 0 0
            0
                0
                  0
                     0
                        0
                          0
                             0
                                0
                                  0 0
                                        0
                                          0
                                             0
0.006 0 0.006 0
                  0
                        0
                             0
                                0
                                  0 0
                                        0.006 0
                                              0.006 0
             0 0
                     0
                          0
  0.006 0 0 0 0 0 0 0 0 0.006 0 0
                                        0 0 0
       0 0 0 0
                  0
                     0
                       0 0
                             0
                                0.006 0 0 0 0.006 0.006
  0.045 0 0 0 0 0 0.006 0
                             0
                                0
                                  0 0
                                        0
0.045 0 0 0 0 0 0 0.006 0
                             0
                                0
                                  0.045 0
                                         0
                                            0
                                              0 0 0
  0 0 0 0 0 0 0 0 0
                             0.006 0
                                   0
                                      0
                                         0.006 0.006 0
0 0.006 0 0.006 0 0.006 0 0.045 0 0
                                         0.006 0 0 0
```

```
0.006 0 0
0.006 0 0 0.006 0
                   0 0
                          0
                             0
                                0
                                   0
                                      0
     0.006 0.006 0 0 0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0 0.045 0
             0.006 0
                    0.006 0.006 0
                                0.006 0 0.006 0
                                              0 0
        0 0 0 0.006
     0
 279 279:000079 19:0000051
                     + 0 0 0
                                0
                                   0 0
                                         0.007 0 0.007 0 0 0
      0.007 0
            0 0 *0.063 0 0 0
                                0
                                    0
                                      0
                                          0
                                            0.007 0
      0.007 0
             0 0 0
                     0 0 0 0 0 0 0 0 0
           0
              0 0.007 0
                        0.007 0
                                0 0.007 0
                                           0
                                             0
                                                 0
                  0
                           0 0 0.007 0 0
0.007 0 0
         0
             0 0
                     0
                         0
                                            0 0 0
           0.007 0 0 0.007 0 0
                                0
                                   0
                                      0
                                         0
                                            0.007 0
        0
                                                   0
                                   0
                                      0
                                         0.007 0 0
0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                0.007 0.007 0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                            0 0 0.007 0.007
                           0 0 0.063 0
0.063 0 0
         0.007 0
                 0.007 0 0
                                        0.007 0 0
                                                   0.063 0 0
           0
              0
                 0
                    0.007 0 0 0.063 0 0
                                         0
                                            0 0
0.063 0 0
         0 0 0 0.007 0
                          0 0
                                0.007 0 0
                                           0 0 0
                                                   0.007 0.007
        0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
0.007 0 0.007 0 0 0 0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0.007 0
                                                   0.007 0
         0 0 0 0 0
                           0 0 0.007 0 0
                                            0
                                               0
                                                  0
             0 0 0 0 0 0
                                0.007 0
                                       0 0 0 0.007 0.007 0
           0
  0.063 0 0
             0 0 0 0 0
                           0 0
                                 0
                                    0
                                        0.063 0 0 0.007 0
              0 0.007 0
                         0
                               0
                                 0
                                     0
                                        0
                                           0
           0
                            0
                                             0
                                                0
              0
                 0
                    0 0.007 0
                              0
                                 0
                                    0.007 0
                                            0
                                               0
0.007 0 0.007 0
              0.007 0 0 0 0.063 0 0.007 0 0
                                             0
                                                0.007 0
         0 0 0 0
                     0 0
                           0 0 0 0.007 0
                                            0
                                               0
                                                  0
                                                     0.007 0
           0
              0 0 0 0 0 0
                                   0
                                      0
                                               0
                                                  0
                                                     0.007 0
     0
        0
                                         0
                                            0
              0.007 0
                           0.007 0 0
                                      0
                                                  0
                                                     0.007
           0
                     0 0
                                         0
                                            0
 280 280:000079 280:000079
                       0
                          0
                            0
                                0
                                   0
                                      0
                                        0.01 0
                                                0.01 0
     0.01 0
            0
               0
                     0
                        0 0 0 0 0 0 0.01 0
                                                0
                  0
0.01 0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0 0 0 0
                                          0
                                             0
                                                0
           0.01 0 0.01 0 0 0.01 0 0
                                                  0.01 0
                                         0
                                            0
                                               0
                                                         0
                 0 0 0.01 0 0 0 0
              0
                                       0
                                          0
                                             0
                                                0
0
  0.01 0
         0
            0.01 0
                   0 0 0 0 0 0.01 0
                                         0
                                            0
                                               0
                                                  0
                 0
                    0
                       0 0 0 0.01 0
                                       0
                                          0
                                             0
0
                    0
                       0.01 0.01 0 0 0 0.01 0.01 0
      0
              0
                 0
                                                   0
                                                         0.01
                                        0
  0.01 0
         0
            0
               0
                  0
                     0
                        0.01 0
                               0
                                  0
                                     0
                                           0
  0.01 0
         0
            0
               0
                  0
                     0
                        0
                           0 0 0 0 0
                                          0
                                             0
                                                0
                  0 0 0 0 0.01 0.01 0
0.01 0
         0
            0.01 0
                                             0
                                          0.01 0
                    0 0 0 0 0
                                   0.01 0
0
   0
      0
        0
           0
              0
                 0
                                                0
                                                    0
                 0.01 0
                        0.01 0 0 0 0.01 0
     0
           0
                                            0
0
  0
     0
               0
                  0
                     0
                        0
                           0 0
                                 0 0 0
                                          0
                                             0
        0.01 0
                                                0
0
  0
               0
                  0
                     0
                        0.01 0.01 0 0 0 *0.24 0
0
   0
      0
         0.24 0
               0
                  0
                     0
                        0.01 0 0 0 0 0 0 0 0.01 0
           0 0 0
                    0 0
                          0 0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                 0
0.01\ 0 \quad 0 \quad 0.01\ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.01\ 0 \quad 0.01\ 0 \quad 0.01\ 0 \quad 0
```

```
0 0 0.01 0 0 0 0
      0.01 0 0 0 0.01 0
         0.01 0
                 0
                    0
                       0
                           0.01 0
                                 0 0
                                        0
                                            0
                                               0
                                                  0
                   0
                      0
                         0.01 0 0 0 0 0
                                                 0.01 0
                           0.01
0.01 0
       0
          0
              0
                 0
                    0
                       0
                               0 0 0 0 0.006 *0.035 0.006 0
 281 281:000079 8:0000019
                       + 0
                            0
         0.006 0
                           0
                              0
                                 0
                                    0.006 0 0 0 0.006 0
                 0
                    0
                       0
0
   0
      0.006 0 0
                    0
                           0
                                  0
                                    0 0 0 0 0 0
                                                            0.035 0
                0
                       0
                              0
             0.006 0 0.006 0 0.006 0
                                    0
                                        0.006 0
                                                0
                                                   0
0.006 0 0.035 0
                0 0 0 0
                            0
                                0
                                   0
                                      0.006 0 0
                                                 0
             0
                0.006 0 0 0.006 0
                                   0
                                      0
                                         0
                                            0
                                                0
                                                   0.006 0
                      0
                                          0.006 0
                                                 0.006 0 0.035 0
0
         0
                0
                   0
                         0
                             0
                                0
                                   0
                                       0
      0.006 0 0 0 0.035 0
                             0
                                0.035 0
                                        0
                                           0 0.006 0.006 0
0.035 0.006 0.006 0
                0
                    0
                       0.006 0
                                0.006 0
                                       0.006 0
                                                0
                                                  0
                                                      0
                                                         0.006 0
            0 0 0
                      0
                         0
                             0
                                0.035 0.006 0 0
                                                       0
                                                0
                                                   0
0
   0.006 0 0 0 0.006 0
                             0
                                0.006 0
                                        0.035 0
                                                0.006 0
                                                       0
   0.006 0.006 0
               0 0
                      0
                         0
                             0
                                0
                                   0 0
                                         0
                                            0
                                                0
                                                   0
      0.006 0.035 0.006 0 0 0
                             0 0 0
                                        0 0 0
                                                 0 0
                                                       0.006 0
                                                0.006 0
          0 0.006 0 0 0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
        0 0.035 0 0 0 0
                             0 0 0 0
                                              0
                                                  0.006 0
      0
                                          0
0.006 0.006 0 0 0 0 0.035 0
                              0
                                 0
                                    0.006 0 0
                                                0
0.006 0
                0 0
                       0 0
                             0.006 0.035 0
                                                 0.035 0
       0
          0
             0
                                          0
                                              0
            0 0 0
                      0
                         0
                            0
                                0
                                   0
                                      0.006 0
                                               0
                                                 0 0.006 0.006 0
      0.006 0
   0
             0.006 0
                      0.006 0
                             0.006 0
                                      0
                                         0 0
                                                0
                                                  0.006 0 0
                                             0.006 0
                                                     0.035 0.006 0
0.006 0
       0
          0
              0.006 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0
         0.006 0.006 0
                      0 0
                            0
                                0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                       0 0
                                                             0 0
0
   0
                                                   0
         0.006 0
                 0.006 0.006 0.035 0.006 0
                                                      0.006 0 0
   0
      0
                                       0.006 0
                                                0
                                                  0
         0.035 0
                 0.006
 282 282:000079 215:000062
                      + 0
                             0 0.006 0 0 0
                                                0 0
                                                       0.007 0 0
0.006 0.008 0 0 0 0 0
                         0
                             0.008 0.01 0
                                         0
                                            0 0.008 0
                                                       0.008 0.008
      0.008 0 0 0.008 0
                                         0.008 0
                             0
                                0
                                   0
                                      0
                                                  0.008 0
                                                         0 0
      0.008 0
                                          0.008 0
              0.008 0
                      0 0
                             0
                                0
                                   0
                                      0
                                                  0
                                                     0
                                                           0.008
       0
          0.007 0 0 0 0.007 0.007 0
                                     0
                                         0.007 0.008 0
                                                      0
                                                         0.008 0
0.008 0.008 0.008 0
                0 0 0.01 0.008 0.008 0
                                         0.008 0
                                                 0
                                                    0.008 0
0.008 0.008 0
                0.008 0.008 0 0 0 0.008 0 0
                                                 0
            0
                                                     0
                                                        0.007 0.008
                         0.008 0 0.008 0
      0
             0
                0
                   0
                      0
                                         0 0
                                                0.007 0
                                                        0.007 0
0.007 0.008 0
            0
                0
                   0.008 0
                           0
                             0
                                 0
                                    0
                                        0
                                          0 0
                                                 0.008 0
                                                          0 0
                                    0.008 0 0
                                                0.007 0
   0
      0
         0
             0
                0
                      0
                         0
                            0.008 0
                                                       0
                                                           0.007 0
      0.008 0.008 0
                      0
                         0
                            0
                                   0
                                      0.800.0 800.0 0 800.0
                   0
                                0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0
       0
           0.008 0
                   0.008 0 *0.011 0.008 0
                                        0
                                               0
                                                     0
                                                       0.007 0
                                           0
                                                  0
           0.008 0.007 0
                                                  0.007 0
   0.008 0
                       0
                           0
                             0
                                 0
                                        0
                                           0.007 0
   0.008 0.008 0.008 0 0 0
                              0.008 0
                                        0.008 0
                                               0
                                                   0.008 0
                                                           0.007 0
0.008 0
        0.008 0
               0
                   0.007 0.008 0
                                0.008 0
                                        0
                                           0
                                              0
                                                  0.006 0.008 0
0.008 0
       0 0 0 0.008 0 0.006 0
                                 0 0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0.007 0 0
```

```
0 0
                0.007 0 0 0 0.008 0 0 0
                                                0.008 0
0.008 0.008 0.007 0
                0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                   0 0.008 0.007
             0
                0
                   0.008 0
                          0.008 0
                                  0 0 0.007 0
                                                 0.008 0
                                              0.008 0
0.008 0 0.008 0
                      0.008 0 0.008 0.008 0 0
                0
                   0
                                                      0.008 0.008 0
0.008 0
                            0 0
                                  0
       0
          0.008 0
                   0
                      0
                         0
                                     0.008 0
                                              0
                                                  0.006 0
      0.008 0.007 0
                   0
                      0 0.007 0 0 0 0 0
                                              0
                                                  0
                                                     0
                                                       0 0 0
         0.008 0.008 0.008 0
                           0
                              0
 283 283:000079 25:0000068
                       + 0
                             0
                                0
                                  0 0
                                         0 0.006 0
                                                    0.006 0
                                0.006 0 *0.037 0 0.006 0
0
   0
      0.006 0
              0
                 0
                     0
                       0
                           0 0
0
   0
      0.006 0
              0
                                  0
                 0
                     0
                        0
                           0
                              0
                                    0 0
                                           0
                                              0
                                                 0
                                                     0
            0.006 0
                    0.006 0 0.006 0
                                        0.006 0
0
         0
                                    0
                                                0
                                                   0
                                                      0
0.006 0 0
          0 0
                     0
                        0
                           0
                              0
                                 0
                                    0.006 0 0
                                                0
                                                       0
                                                   0
   0
         0
            0.006 0
                     0
                        0.006 0
                                0
                                   0 0
                                         0 0
                                                0.006 0
      0
                                                        0
         0.037 0
                             0 0.037 0 0.006 0
                                                 0.006 0.037 0
                     0
                        0
                           0
      0.006 0 0 0
                     0
                        0
                           0
                             0 0
                                    0 0
                                          0.006 0.006 0
                                                        0.037 0
0.006 0.006 0 0.037 0
                    0.006 0
                            0.006 0
                                    0.006 0
                                            0
                                                0
                                                   0
                                                      0.006 0
            0 0 0
                      0
                         0
                             0
                                0.006 0
                                        0.037 0 0
                                                   0
                                                      0
                                                          0
                                                                0
0.006 0 0
         0 0.006 0
                         0
                             0.006 0
                                    0
                                        0
                                           0.006 0
0.006 0.006 0 0 0
                   0
                      0
                         0.037 0
                                 0
                                    0
                                        0
                                           0
                                              0.037 0
                                                      0
                                                          0
   0 0.006 0
              0.006 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0.037 0
                                                 0 0
                                                        0.006 0
0.006 0
       0
              0.006 0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0
                                                0.006 0
          0
                                             0
                                                        0
        0 0
               0
                   0
                      0
                          0
                             0
                                0
                                       0
                                          0
                                             0
                                                0.006 0
                                   0.006 0 0
0.006 0.006 0 0
                0
                   0
                      0
                         0
                             0.037 0
                                                0 0 0 0
                                                             0
                       0.037 0 0 0.006 0
0.006 0
          0.037 0.037 0
                                          0 0
                                                 0
0.037 0
              0 0 0
                       0 0
                             0 0
                                    0 0 0 0.006 0
       0
           0
                                                      0 0 0.006
              0.006 0 0.006 0
                             0.006 0 0.006 0 0
                                                 0 0
                                                        0.037 0.006
                                                0 0
         0.006 0
                0 0 0.006 0 0 0
                                         0 0
                                                      0.006 0
              0 0.006 0.006 0 0 0
                                        0 0
           0
                                                     0
                                                               0
  0 0
            0 0.006 0
                          0.006 0.006 0
                                       0.006 0 0.006 0
                                                        0
                                                           0
         0
          0 0 0 0
                           0.006
                       0
 284 284:000080 13:0000031
                       + 0.006 0 0 0 0
                                          0
                                                        0
*0.127 0 0
           0 0
                  0 0 0 0
                               0 0
                                     0 0.006 0
                                                    0
                                                       0.006 0 0
                                   0.006 0.006 0.006 0
0.006 0
           0 0.006 0 0 0 0
   0.006 0
           0.006 0.006 0 0 0 0
                                    0
                                        0
                                           0
                                              0 0
                                                        0.006 0
                                 0
                                                     0
0.006 0
              0
                0
                    0
                       0
                           0
                             0
                                 0
                                     0
                                        0
                                           0
                                              0.006 0
                                                      0
        0 0.006 0.006 0 0.006 0
                                 0
                                    0.006 0 0
                                               0.006 0
                                                        0 0
           0.006 0.006 0
                       0
                           0 0
                                 0
                                    0
                                        0.006 0
                                                0
                                                     0
      0.006 0 0.006 0
                            0 0
                                   0
                                      0
                                         0
0
   0
                     0 0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0.006
            0
                      0
                         0.006 0 0
                                    0 0 0 0
                                                     0
               0 0
                                                 0
0
         0.006 0.006 0
                      0
                         0
                            0 0
                                   0 0
                                         0 0
                                                0.006 0.006 0
   0
      0
                                                             0
             0.006 0 0.006 0.006 0 0.006 0
                                         0.006 0
                                                     0.006 0
         0.006 0.006 0
                      0
                         0 0.006 0.006 0
                                         0 0.006 0
                                                     0.006 0
                                                             0
                                                                0
0.006 0
        0.006 0
                0
                   0
                      0
                         0
                            0 0.006 0.006 0.006 0
                                                  0
                                                        0
                                                           0
   0
      0
         0
            0
                0
                   0.006 0 0 0.006 0
                                         0.006 0
                                                  0
                                                     0
                                                        0
                                                           0
```

```
0.006 0 0 0.006 0
                  0 0 0 0
                              0.006 0
                                     0.006 0 0 0.006 0 0
         0
            0
              0
                  0
                     0
                        0
                           0
                              0
                                 0.006 0
                                         0.127 0 0
                                                   0 0.006 0
            0
               0
                  0.006 0 0 0 0
                                  0
                                     0
                                         0
                                            0 0 0
0.006 0 0 0 0.006 0.006 0 0
                                 0
                                     0.006 0.127 0.006 0.006 0
              0
                                 0.006 0
            0
                  0
                    0
                        0
                          0 0
                                        0
                                            0
  0.006 0.006 0.006 0 0 0 0.006 0 0.006 0 0 0.006 0
0.006 0 0.006 0 0 0 0 0 0
                                0 0 0 0.006 0
                                                     0.127 0
        0 0.006 0 0 0.006 0.006 0 0 0 0
                                              0
0.006 0 0 0 0 0.006 0.006 0.006 0 0
 285 285:000080 168:000049
                     + 0
                           0
                                 0.017 0 0 0.004 0.006 0.004 0
                              0
0.006 0 0 0 0.004 0 0 0
                          0 0.006 0 0 0.013 0 0.006 0 0.004 0
        0 0.004 0 0.012 0
                          0
                              0 0 0.006 0.006 0 0
     0
  0.006 0
         0 0 0 0 0.013 0.006 0.004 0 0.004 0.006 0 0.004 0
0.006 0 0 0 0 0.004 0 0.006 0 0 0
                                        0
                                           0 0 0
     0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0
                                                   0
   0.004 0
         0 0 0 0 0 0 0.006 0 0 0.006 0
                                              0 0.012 0.006 0
0.004\ 0 0.004\ 0.006\ 0.006\ 0 0 0.013\ 0.006\ 0 0 0.006\ 0 0
   0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
0.017 0.013 0 0 0 0.012 0.004 0 0 0 0 0 0
                                               0 0 *0.046 0
0.006 0.004 0 0.006 0 0.006 0 0 0.006 0 0.004 0.017 0 0
0.013 \ 0 \quad 0.004 \ 0 \quad 0.006 \ 0 \quad 0.004 \ 0 \quad 0 \quad 0.006 \ 0 \quad 0 \quad 0.004 \ 0.006 \ 0
0 0 0 0.006 0 0 0.012 0 0 0.006 0 0.006 0 0 0
0.006 0.004 0 0 0.017 0 0 0 0.006 0 0 0 0.004 0.006 0.004 0
                     0 0 0 0 0 0.004 0
     0.004 0 0 0 0
                                             0
0.004 0.004 0 0.006 0 0
                     0.006 0
                             0.006 0
                                     0.013 0.012 0.012 0
     0.004 0.006 0 0.006 0.006 0 0.006 0
                                     0
                                        0.004 0.006 0
                                                   0.006 0.006
0.006 0 0
         0.006 0.006 0
                     0
                               0
                                     0
                         0 0
                                 0
                                        0
                                           0
                                              0
                                                 0
     0.004 0
                                               0.004 0
                                                       0.006 0
   0.006 0.004 0
              0 0 0.004 0
                           0 0 0.004 0 0 0 0 0 0.006 0
   0.013 0
         0.006 0.004 0 0 0 0 0.004 0.013 0.006 0.006 0 0
0.006 0
             0 0.006 0 0 0.006 0
                                 0 0
                                        0.004 0 0.013 0.013 0.006
      0.004 0 0 0 0.004 0
                           0.012 0 0 0
                                          0.006 0
                                                 0.004
                              0
                                       0
                                                0
 286 286:000080 35:0000097 + 0
                          0
                                0
                                    0
                                          0
                                             0
                                                      0
              0
                  0
                    0
                        0
                           0
                              0.012 0
                                     0
                                         0
                                            0
                                                  0
0
     *0.105 0
             0 0 0 0
                         0
                             0
                               0
                                   0
                                     0
                                         0
                                            0
                                               0
               0
                   0
                      0
                         0
                            0
                                0
                                  0
                                      0
                                            0
0
   0
      O
         0
            0
              0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                0
                                                          0
0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
0
   0
      0
                      0
                         0
                                0
                                  0
                                      0
                                                         0
         0
            0.105 0 0
                            0
                                         0
                                            0
                                               0.012 0
                                                      0
                                                            0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                          0
                                             0
                                                0
0.012 0 0
         0
             0.105 0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                          0
                                             0
                                                0
                                                   0
                                                            0
                                       0
   0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0.012 0
                                              0
                                                  0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0 0.105 0
```

```
0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                               0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                                0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
0
          0
             0
                       0
                           0
   0
      0
                 0
                    0
                              0
                                  0
                                     0
                                         0.012 0.105 0.105 0
                                                           0
                                                              0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                               0
                                                   0
                                                      0
                                                                0
0
                       0
                           0
                              0
                                     0
   0
      0
          0
             0
                 0
                    0
                                  0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0.012 0
   0.105 0.012 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
      0
          0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0.012 0
                                                 0
                                                   0 0
                                                          0
             0
                                            0
0.012 0 0 0 0
                 0 0
                        0 0
                              0 0 0 0
                                             0
                                                 0
                                                   0
   0.012 0.012 0
                0.012 0
                        0
                            0
                               0
                                   0
                                      0
                                          0 0.105 0 0
                                                         0
                                                                0
 287 287:000080 35:0000097
                        + 0
                                  0 0
                                        0 0
                                                   0
                                                      0
                              0
                                               0
                0
                      0
                           0
                              0
                                  0.012 0
                                          0
                                             0
                                                 0
                                                   0
                                                        0
0
      *0.105 0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
0
                     0
                        0
                            0
                                0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                 0
0
   0
                0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                                                                0
             0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                             0
0
   0
      0
          0
             0.105 0
                      0
                        0
                            0
                                0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                   0.012 0
                                                             0
                                                                0
                                                                    0
       0
   0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                               0
                                                   0
                                                      0
0.012 0
          0
               0.105 0
                       0
                              0
                                     0
                                                   0
                                                      0
                                                         0
                                                             0
        0
                           0
                                  0
                                        0
                                            0
                                               0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0.012 0
                                                   0 0
                                                          0
0
      0
             0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                                   0
                                                      0.105 0
                                                               0
   0
          0
                 0
                                            0
                                               0
                       0
                           0
                              0
0
   0
      0
          0
             0
                 0
                    0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                            0
                                                   0
                                                                 0
                                         0
                                               0
                                                      0
                                                          0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0.012 0.105 0.105 0
                                                          0
                                                              0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0.012 0
   0.105 0.012 0
                0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0
                                  0
                                     0.012 0
                                            0 0 0 0
                                                               0
                                                          0
                                                                  0
0.012\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
                                             0
                                                 0
                                                        0
                                                   0
                0.012 0
                                      0
                                          0 0.105 0 0 0
   0.012 0.012 0
                        0
                            0
                               0 0
 288 288:000081 65:0000165 + 0.023 0 0.006 0 0 0 0
                                                         0
                                     0 0 0.013 0 0 0
                    0 0 0 0 0
             0
                0
                    0.012 0 0 0 0 0.023 0 0.013 0
                                                              0.023 0
   0
      0
          0
                                                           0
                            0.022 0
                                     0
                                            0
                                                  0 *0.035 0
             0.023 0 0
                        0
                                        0
                                               0
0.023 0 0
          0
               0 0 0
                        0
                            0 0
                                   0 0 0 0 0 0.021 0 0
                                                                0
                                                      0
                                                         0
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                  0
                0.012 0.022 0
0.023 0
        0.012 0
                              0
                                     0
                                        0
                                            0
                                                  0.023 0
                                 0
                                              0
                                                           0
                 0
                    0
                       0
                                     0
                                        0.013 0 0
                                                    0
                                                        0
      0
             0
                           0
                              0
                                  0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0.022 0
                                                   0 0.012 0
   0
      0
          0
             0
                 0
               0
                 0 0
                        0
                            0 0
                                   0 0 0
                                             0
                                                 0
                                                        0
   0
      0
          0
             0
                0.023 0
                         0.023 0 0 0 0 0 0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                0
                                                                    0
0
   0
      0.023 0
               0
                      0
                            0
                               0
                                   0
                                      0 0.023 0.032 0.023 0
0
   0
          0.023 0
                  0
                     0
                         0.013 0 0 0 0 0 0
                                                      0
                                                                0
```

```
0.021 0 0 0 0 0 0 0 0 0
                               0 0 0 0 0 0
0.021 0.023 0 0
             0.023 0
                    0
                       0
                          0
                             0
                               0.006 0
                                      0
                                         0
                                            0
                                               0
                                                  0
           0 0 0.023 0 0.021 0
                               0
                                  0
                                    0
                                        0
                                          0.023 0
        0 0 0 0 0 0.023 0 0 0
  0.021 0
                                       0
                                          0
                                            0
                                               0
                                                  0.006 0
  0.006 0.023 0 0 0
                   0 0
                        0 0
                              0
                                 0
                                    0
                                          0
                                               0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                         0
                                               0
                                                  0
                                                     0
                                       0
                                            0
                                                       0
       0 0 0 0 0 0 0.013 0 0 0 0 0 0
0.006 0
           0
              0 0 0 0 0 0 0.023 0 0 0 0 0
      0
        0
  0.023 0
               0.021 0 0 0 0 0
        0 0
 289 289:000081 280:000079
                    + 0
                         0
                            0
                              0
                                 0
                                    0
                                       0.01 0
                                            0.01 0
     0.01 0
                      0 0 0 0 0 0 0.01 0
            0
              0
                 0
                    0
0.01 0
        0
            0
              0
                 0
                    0
                       0 0 0 0 0
                                     0
                                        0 0
        0
           0.01 0 0.01 0 0 0.01 0 0
                                    0
                                         0
                                            0
                                               0.01 0
                                                      0
     0
                                       0
             0 0 0 0.01 0 0 0 0
                                          0
     0
                                        0
  0.01 0
         0
            0.01 0 0 0 0 0 0.01 0 0
                                            0
                                               0
                        0 0 0.01 0 0
     0
           0
             0
                0
                   0
                      0
                                        0
                                           0
                                             0
                      0.01 0.01 0 0 0 0.01 0.01 0
0
     0
             0
                0
                   0
                                                0
                   0
                      0.01 0 0 0 0 0
  0.01 0
         0
            0
              0
                 0
                                        0 0
                       0 0 0 0 0 0
  0.01 0
                 0 0
         0
            0
              0
                                        0
                                           0
                                             0
                                                0
            0.01 0 0 0 0 0.01 0.01 0
0.01 0
         0
                                       0
                                          0
                                             0
0
                   0
                      0 0 0 0 0.01 0 0.01 0
  0
     0
        0
           0
             0
                0
                                             0
                                                 0
0
     0
                0.01 0
                       0.01 0 0 0 0.01 0 0 0
0
  0
     0
        0.01 0
              0
                 0
                    0
                       0 0 0 0 0 0 0 0 0
0
  0
     0
                    0
                       0.01 0.01 0 0
                                   0 *0.24 0
        0.01 0
              0
                 0
0
              0 0 0
                       0.01 0
                            0 0 0 0 0
                                             0 0.01 0
  0
     0
        0.24 0
  0
     0
           0 0 0
                  0
                      0 0 0
                              0
                                 0
                                    0
                                       0
                                          0
                                            0
                                               0
0.01 0
      0
         0 0.01 0 0 0 0
                          0
                             0 0.01 0 0.01 0 0.01 0
     0.01 0
              0 0.01 0
                       0
                          0
                             0.01 0
                                         0 0
                                               0
            0
                                   0
                                       0
              0
                0
                    0
                       0.01 0
                             0 0
  0
        0.01 0
                                  0 0
                                        0
                                           0
                                              0
                                                 0
                      0.01 0 0 0 0 0 0
                                          0.01 0
             0
                0
                   0
                       0.01
0.01 0
     0
         0
          0
              0
                 0
                    0
 290 290:000081 263:000074
                    + 0.021 0 0 0 0 0
                                          0 0 0
                   0
                      0
                         0 0 0 0 0
                                       0
                                         0
                                            0 0
                      0
                        0 0.021 0 0
                                    0 0
                                          0.021 0
0
  0
     0
        0
           0
             0
                0
                   0
                                                     0
                                                        0
  0.021 0
         0
            0
              0
                  0
                    0
                       0
                         0 0
                               0
                                  0
                                     0
                                        0
                                           0.021 0
                        0
                                       0 0
0
     0
        0
           0
              0
                0
                   0
                      0
                           0 0
                                 0 0
                                            0
0
                                         0.021 0 0
     0
        0
           0
              0
                0
                   0
                      0
                         0
                            0
                              0
                                 0
                                    0
                                       0
0
  0
     0
        0
                0
                   0
                      0.021 0 0 0 0
                                        0
           0
             0
                                    0
                                          0 0
0
  0
     0
        0
           0
              0
                0
                   0
                                         0
                                            0 0
                      0
                         0
                            0
                              0
                                 0
                                    0
                                       0
0
  0
     0
        0
           0
             0
                0
                   0
                                 0.021 0
                                           0 0 0
                      0
                         0
                            0
                              0
                                        0
                                                   0
                   0
  0
           0
              0
                0
                      0
                         0
                            0
                              0
                                 0
                                    0
                                       0
                                         0
                                            0
                                               0.021 0
0.021 0 0
        0 0
              0 0 0 0
                         0 0 0 0
                                    0
                                        0
                                          0.021 0
           0
             0.021 0 0.021 0
                           0
                              0
                                 0
                                    0
                                       0
                                         0
                                            0.021 0
0
           0
             0
                0 0
                      0 0 0
                              0
                                 0
                                    0
                                       0
                                          0
                                            0
                                               0 0 0
```

```
*0.264 0.021 0
                              0 0
                                             0
                                                     0
                                                             0
                                                                     0
                                                                            0 0
                                                                                                                          0
                                                                                                                                   0.021 0 0
                       0
                              0
                                      0
                                             0
                                                     0
                                                             0
                                                                   0
                                                                            0
                                                                                   0
                                                                                            0
                                                                                                  0
                                                                                                            0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                   0
                                                                                                                                          0.021 0
0.264 0 0 0 0 0 0.021 0
                                                                   0 0
                                                                                    0
                                                                                            0
                                                                                                   0
                                                                                                                           0
0 0
                                                                                                                           0
                                                                                                                                  0
                                                                                                                                          0
                                    0 0
                                                   0 0
                                                                  0 0
                                                                                  0 0
                                                                                                  0
                     0 0
0.021 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 
                     0 0 0 0 0 0 0 0
                                                                                            0
                                                                                                  0
                                                                                                           0
                                                                                                                   0
                                                                                                                           0
     0.021 0 0 0 0 0 0 0 0 0.021 0
                                                                                                           0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                       0
       0 0
                                                                                                           0.007 0 0.007 0
   291 291:000081 19:0000051 + 0
                                                                  0 0 0
                                                                                            0
                                                                                                 0
                                                                                                                  0.007 0
               0.007 0
                                0 0 *0.063 0 0 0
                                                                                   0 0 0 0
                                                                                                                                               0.063
                                                      0 0 0 0 0 0 0 0 0
               0.007 0 0 0 0
                      0 0 0 0.007 0 0.007 0 0 0.007 0 0
                                                                                                                    0
                                                                                                                              0
0.007 0 0 0 0 0
                                                       0
                                                                 0 0 0 0.007 0 0 0 0 0
                              0.007 0 0 0.007 0 0
                                                                                    0
                                                                                           0 0 0
                                                                                                                   0.007 0
                                      0
                                             0
                                                    0
                                                             0
                                                                  0
                                                                            0
                                                                                    0
                                                                                            0
                                                                                                    0
                                                                                                            0.007 0 0
                                                                                    0.007 0.007 0
                                                                                                                  0 0 0.007 0.007
                              0
                                    0
                                             0
                                                     0
                                                             0 0 0
                                             0.007 0 0 0 0 0.063 0
                                                                                                                                     0.063 0 0
0.063 0 0
                       0.007 0
                                                                                                        0.007 0 0
                                                     0.007 0 0 0.063 0 0 0
                                                                                                                  0 0 0 0 0
       0 0 0
                              0
                                    0
                                             0
0.063 0 0 0 0 0 0.007 0
                                                                                                                                     0.007 0.007
                                                                   0 0
                                                                                    0.007 0 0 0 0 0
       0 0
                     0 0
                                    0
                                            0
                                                     0
                                                             0
                                                                    0
                                                                            0
                                                                                    0
                                                                                            0
                                                                                                                                  0
                                                                                                    0
                                                                                                           0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                          0
0.007 0 0.007 0 0 0
                                                                                                   0
                                                                                                                  0.007 0
                                                    0 0
                                                                    0
                                                                            0
                                                                                    0
                                                                                            0
                                                                                                         0
                                                                                                                                    0.007 0
       0.007 \ 0 \quad 0.007 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0
                                    0 0
                                                   0 0
                                                                  0 0
                                                                                  0.007 0
                                                                                                     0 0 0 0.007 0.007 0
0
       0.063 0 0 0 0 0 0 0
                                                                                0
                                                                                      0
                                                                                              0
                                                                                                       0.063 0 0 0.007 0 0
                              0 0 0.007 0 0
                                                                                0
                                                                        0
                                                                                       0
                                                                                                0
                                                                                                       0
                                                                                                               0
                                                                                                                     0
                                                                                                                              0
                      0
                              0
                                    0 0
                                                   0 0.007 0 0
                                                                                      0
                                                                                              0.007 0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                  0
0.007 0 0.007 0 0.007 0 0 0 0.063 0 0.007 0
                                                                                                                      0
                                                                                                                              0.007 0
                                                                                                              0
0.007 0 0
                       0 0 0 0 0 0 0 0
                                                                                               0.007 0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                  0
                                                                                                                                          0.007 0
                              0 0 0 0
                                                                                                                                          0.007 0
                                                             0 0 0 0
                                                                                            0
                                                                                                    0
                                                                                                            0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                   0
       0
               0
                              0
                                      0.007 0
                                                      0
                                                                 0
                                                                        0.007 0
                                                                                            0
                                                                                                    0
                                                                                                           0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                  0
                                                                                                                                          0.007
   292 292:000081 292:000081
                                                            0
                                                                    0
                                                                            0
                                                                                    0
                                                                                           0
                                                                                                   0
                                                                                                          0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                                 0
                                                                                                                                                       0
                                                                                                                   0
0
       0
               0
                              0
                                                             0
                                                                     0
                                                                             0
                                                                                    0
                                                                                            0
                                                                                                    0
                                                                                                            0
                                                                                                                           0
                                                                                                                                   0
0
       0
                                                                                    0
                                                                                            0
                                                                                                    0
                                                                                                            0
                                                                                                                   0
                                                                                                                           0
               0
                       0
                              0
                                      0
                                              0
                                                      0
                                                              0
                                                                     0
                                                                             0
                                                                                                                                   0
                                                                                                                                           0
                                                                                                                                                  0
0
                                                                                    0
                                                                                                    0
                                                                                                                   0
                                                                                                                                   0
       0
                                              0
                                                      0
                                                              0
                                                                     0
                                                                             0
                                                                                            0
                                                                                                            0
                                                                                                                           0
0
       0
               0
                      0.029 0
                                       0
                                                 0
                                                       0
                                                                 0
                                                                      0
                                                                                0
                                                                                     0 0 0
                                                                                                               0
                                                                                                                     0
                                                                                                                              0
                                                                                                                                              0
0
       0
               0
                      0
                              0
                                      0
                                              0
                                                     0
                                                             0
                                                                     0
                                                                            0
                                                                                    0
                                                                                            0.029 0
                                                                                                               0
0
       0
                      0
                                                     0
                                                                                            0.029 0
                                                                                                               0
                                                                                                                               0
               0
                              0
                                      0
                                             0
                                                             0
                                                                     0
                                                                            0
                                                                                    0
                                                                                                                     0
0
       0
               0
                      0
                              0
                                      0
                                             0
                                                     0
                                                             0
                                                                     0
                                                                            0
                                                                                    0
                                                                                             0
                                                                                                    0
                                                                                                           0
                                                                                                                  0
                                                                                                                           0
                                                                                                                                  0
0
       0
               0
                      0
                              0
                                      0
                                             0
                                                     0
                                                             0
                                                                             0
                                                                                    0
                                                                                                    0
                                                                                                            0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                   0
                                                                                                                                           0
                                                                     0
                                                                                            0
                                                                                                                                                  0
0
       0
               0
                      0
                              0
                                      0
                                             0
                                                     0
                                                             0
                                                                     0
                                                                            0.029 0
                                                                                                0
                                                                                                     0
                                                                                                               0
                                                                                                                               0
0
       0
               0
                      0
                              0
                                      0
                                             0
                                                     0
                                                             0
                                                                     0
                                                                            0
                                                                                    0
                                                                                                    0
                                                                                                            0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                   0
                                                                                                                                           0
                                                                                                                                                  0
                                                                                            0
0
       0
               0
                       0
                              0
                                      0
                                              0
                                                     0
                                                              0
                                                                     0
                                                                                     0
                                                                                             0
                                                                                                    0
                                                                                                                   0
                                                                                                                                   0
                                                                                                                                                   0
0
       0
               0
                       0
                              0
                                      0
                                              0
                                                      0
                                                              0
                                                                     0
                                                                             0
                                                                                     0
                                                                                             0
                                                                                                    0
                                                                                                            0
                                                                                                                   0
                                                                                                                           0
                                                                                                                                   0
                                                                                                                                           0
                                                                                                                                                   0
```

```
0
   0
      0
         0
            0
                0
                   0
                      0
                          0
                             0
                                0
                                   0
                                      0
                                          0
                                             0
                                                0
                                                   0
                                                       0
                                                          *0.829 0
0
   0
      0
         0
            0
                0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0
                                             0
                                                0
                                                   0
0
         0
            0
                      0
                                   0
                                      0
   0
      0
                0
                   0
                         0
                             0
                                0
                                          0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0
0
   0
      0
         0
            0
                0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0
                                          0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0
0
   0
         0
                      0
                                   0
                                                0
      0
            0
                0
                   0
                         0
                             0
                                0
                                      0
                                          0
                                             0
                                                   0
                                                       0
                                                          0
                                                             0
                      0
                         0
                                0
                                   0
                                      0
                                                0
                                                   0
                                                       0
   0
      0
            0
                0
                   0
                             0
                                          0
                                             0
   0
      0
         0.029 0
                0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0.029 0
 293 293:000082 10:0000021
                                             0 0
                                                   0 *0.056 0 0
                       + 0
                             0
                                0
                                   0
                                      0
                                          0
        0
            0
               0
                         0
                             0
                                0
                                      0
                                          0.007 0 0 0.007 0
                   0
                      0
                                   0
0.007 0 0 0 0.007 0
                         0
                             0
                                   0.007 0 0.007 0 0 0
                      0
                                0
0.007 0 0.007 0
                0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0 0 0 0 0.007 0
   0 0
         0
                0
                   0
                      0
                         0
                             0
                                0
                                   0
                                      0.007 0 0 0 0.007 0
            0
   0.007 0.007 0 0.007 0
                       0
                           0.007 0
                                   0
                                      0.007 0 0
                                                 0
                                                        0.007 0
   0.007 0
         0 0 0 0 0
                           0.007 0
                                   0
                                      0 0 0 0 0 0 0.007 0
              0
                0 0.056 0
                            0 0.056 0
                                        0
                                          0
                                              0
                                                 0.007 0
   0 0 0 0.007 0 0 0
                                 0
                              0
                                    0 0 0 0
                                                 0 0 0
          0.056 0 0
                                 0
0.007 0 0
                      0.056 0
                              0
                                    0.007 0.007 0
                                                 0
                                                     0
   0.007 0 0.007 0.007 0
                                    0
                                        0.007 0 0 0 0 0 0
                       0 0
                              0
                                 0
                                 0.007 0 0.007 0
0.007 0.007 0 0 0 0 0.007 0
                              0
                                                 0
                                                     0 0
         0 0 0 0.007 0 0.007 0
                                   0 0
                                         0 0
                                                0 0
                                                      0
      0
                                                         0
          0 0 0.007 0 0.007 0
                                 0
                                    0
                                        0
                                           0
                                              0.007 0 0
0
      0
         0
            0.007 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                  0 0 0 0 0
            0.007 0
                                                  0.056 0 0 0 0
         0
                    0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
         0.056 0 0
                    0
                           0
                                 0
                                        0
                                           0
                                              0
                                                  0 0.007 0.007
                        0
                              0
                                     0
                      0 0.007 0
0.056 0 0
          0 0.007 0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0
   0 0.007 0 0 0
                    0
                       0 0.007 0
                                   0 0 0.007 0
                                                 0.007 0
0.007 0 0.007 0.007 0
                        0.007 0 0 0.007 0
                                           0.007 0
                    0
                                                  0
   0 0
         0 0.007 0
                    0
                        0
                                 0
                                       0
                                           0
                                              0.007 0.056 0
                           0
                              0
                                    0
0.056 0 0 0 0 0
                    0
                           0
                              0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0.007 0.007 0.007 0
                        0
  0
 294 294:000082 34:0000095 + 0 0 0 0 0 0 0.008 0.006 0.008 0
              0.008 0 0 0 0.007 0.006 0
                                        0
                                            0.004 0 0.006 0 0.008
   0 0.007 0
                 0.008 *0.013 0 0 0 0 0.006 0.006 0 0 0
              0
      0
                             0.004 0.006 0.008 0 0.008 0.006 0
         0.006 0
                    0
                       0 0
   0.006 0
           0
              0
                 0
                    0.008 0 0.006 0
                                    0
                                        0 0 0.013 0 0 0 0.008
0.006 0 0
                              0
                                        0.008 0
                 0
                    0
                       0
                           0
                                 0
                                     0
                                                0.01 0.008 0 0
   0 0
        0.008 0
                 0
                    0
                       0
                           0
                                 0
                                    0.006 0 0
                                                0.006 0 0 0
                              0
0.006 0 0.004 0 0.008 0.006 0.006 0 0
                                    0 0.004 0.006 0 0 0.006 0
0.006 0 0
          0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
           0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 0 0
      0.006 0.008 0
                   0.006 0.007 0.006 0 0 0 0.006 0 0.004 0 0.007 0
   0.004 0
              0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008
0.006 0 0
           0
              0 0.006 0 0 0 0 0.006 0 0.006 0 0 0
```

0 0

0 0

```
0.008 0.006 0.008 0 0 0 0 0 0 0.006 0
                                             0
                                                 0 0.008 0.006 0.008
0 0.013 0
           0.008 0
                   0
                      0
                          0
                             0
                                0
                                    0
                                       0
                                          0
                                              0.008 0
                                                      0
                                                         0
                                                             0.006 0
   0.006 0
           0.006 0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                  0.006 0
                                           0.004 0
                                                   0
                                                       0
                                                          0.01 0
          0.008 0.006 0
                       0.006 0.006 0
                                    0.006 0
                                             0
                                                 0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                          0
                                              0
                                                 0
                                                    0
                                                       0
                                                              0
          0 0.008 0.004 0 0 0 0.004 0
                                          0.008 0
                                                   0.008 0
                                                           0.008 0
0.006 0
       0.007 0.006 0.008 0 0 0
                               0.008 0 0
                                            0
                                               0.008 0
                                                       0
0.006 0
           0.004 0 0.006 0.008 0
                                          0.008 0.004 0.006 0.006 0
                                0
                                    0 0
  0 0.006 0
              0
                 0 0
                       0.006 0
                                0
                                    0.006 0
                                           0
                                               0
                                                  0.008 0
                                                           0.004
0.004 0.006 0.004 0
                 0.008 0
                         0
                            0
                                0.008 0
                                         0
                                            0
                                               0
                                                   0
                                                      0.006 0
 295 295:000082 40:0000107
                       + 0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0.006 0 0.006 0
      0.006 0
              0
                  0
                        0 0
                              0
                                  0.006 0
                                          0
                                              0
                                                 0.006 0
                     0
   0.006 0
              0
                     0
                       0 *0.045 0
                                        0
                  0
                                    0
                                           0
                                              0
                                                  0
                                                     0
      0
         0
             0.006 0
                     0.006 0 0.006 0 0
                                         0.006 0
                                                 0
                                                    0
                                                        0
                                                              0
       0
          0
              0
                 0
                     0
                        0
                           0
                              0 0 0.006 0
                                              0
                                                 0
                                                    0
                                                        0
         0
             0.006 0 0 0.006 0 0 0 0
                                              0
                                                 0.006 0
                                                         0
                            0 0 0 0 0.006 0
             0
               0 0.045 0
                                                 0.006 0
   0.006 0.045 0
                0 0
                      0 0 0 0
                                   0 0
                                          0.006 0.006 0 0
                                                          0
                                                              0.006
0.006 0 0 0.045 0.006 0
                       0.006 0
                               0.006 0 0
                                           0
                                               0
                                                   0.006 0
                0
                       0
                          0.006 0
                                  0
                                               0
         0
             0
                   0
                                     0 0
                                            0
                                                  0 0
                                                         0
                                                             0.006 0
         0.006 0 0 0.006 0
                             0
                                0
                                    0.006 0
                                            0
                                               0.045 0
                                                           0.006
0.006 0.045 0 0 0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                       0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
0.006 0 0.006 0
                             0
                                          0
                0
                   0
                       0
                          0
                                 0
                                    0
                                       0
                                              0
                                                 0.006 0
                                                         0.006 0
                                    0.006 0 0
                                                       0
                                                           0 0.045
   0.006 0
          0 0 0 0 0
                            0
                              0
                                  0
                                                 0
                                                    0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0.006 0 0
                                                  0 0
                                                         0.006 0.006
   0.045 0
          0 0
                 0 0
                       0
                           0.006 0
                                    0
                                       0
                                          0 0
                                                 0
                                                    0
                                                        0
                                                           0.006
                            0.006 0
0.045 0 0
          0
              0
                 0 0
                       0
                                    0
                                       0
                                          0.045 0
                                                   0
                                                      0
                       0
                          0
                             0
                                           0 0
      0
         0
             0
               0
                   0
                                0
                                    0.006 0
                                                  0.006 0.006 0
   0.006 0
          0.006 0
                           0.006 0
                                                   0.006 0
                   0.006 0
                                    0.045 0
                                            0
                                               0
0.006 0 0
           0 0.006 0
                       0
                          0
                             0
                                0
                                    0
                                       0
                                          0 0.006 0
                                                      0 0.006 0 0
      0.006 0.006 0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                    0.045 0
                                    0.006 0 0.006 0
0.045 0 0
          0
              0.006 0 0.006 0.006 0
                                                   0
                                                      0
                                                          0.006 0
               0
                   0.006
      0
         0
             0
 296 296:000082 65:0000165
                       + 0.023 0 0.006 0
                                          0
                                              0
                                                    0
0.022 0.006 0
             0
                0
                   0 0 0 0 0
                                    0 0
                                          0.013 0 0
                                                    0
                                                 0.013 0
             0
                0
                   0.012 0
                           0 0 0
                                    0 0.023 0
             0.023 0 0
                           0.022 0
                                    0
                                       0
                                          0
                                                 0 *0.035 0
                       0
                                              0
              0 0 0
                            0
                                     0 0
                                           0 0
                                                  0.021 0 0
0.023 0 0
          0
                       0
                               0
                                  0
                   0
                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
   0
         0
             0
                0
                          0
                             0
                                 0
                                    0
                                       0
                0.012 0.022 0
                                                 0.023 0
       0.012 0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
      0
         0
             0
                0
                       0
                          0
                             0
                                 0
                                    0
                                       0.013 0 0
                                                   0
                                                      0
                                                         0
                   0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0.022 0
                                                   0
                                                      0.012 0
0.023\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
```

```
0 0.023 0
                      0.023 0 0 0 0 0 0
        0
     0.023 0
             0
                0
                  0
                      0
                         0
                            0
                              0
                                 0 0.023 0.032 0.023 0
                                                          0
        0.023 0
                0
                   0
                      0.013 0 0 0
                                   0
                                      0 0
0.021 0 0 0 0
               0
                   0
                      0
                         0 0 0
                                0 0 0 0 0
0.021 0.023 0 0 0.023 0
                           0
                                 0.006 0
                                            0
                      0
                              0
                                         0
                                               0
  0 0.006 0 0 0 0.023 0 0.021 0
                                          0 0.023 0
                                0
                                    0 0
         0 0
                0 0
                     0 0.023 0 0
                                   0
                                      0
                                         0
                                            0
                                                     0.006 0
   0.006 0.023 0 0 0
                    0 0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
             0 0 0 0 0 0.023 0
                                   0
                                      0
                                            0
        0
           0 0
                 0
                    0
                       0 0.013 0 0 0
                                      0
                                          0
                                             0
                                                0
            0 0 0 0 0 0 0 0.023 0 0 0
                                                           0
   0.023 0
                0.021 0 0 0 0 0
                                   0
                                      0
         0
             0
 297 297:000082 25:0000068
                     + 0
                          0
                             0
                                0
                                   0
                                      0
                                         0.006 0 0.006 0
                                                           0
     0.006 0
                   0 0 0 0 0.006 0 *0.037 0 0.006 0
             0
                0
0
   0
     0.006 0
             0
                   0
                         0
                           0 0
                                0 0 0 0 0 0
                0
                     0
        0 0.006 0
                   0.006 0
                         0.006 0
                                 0
                                    0.006 0
                                            0
                                               0
             0 0
0.006 0 0
         0
                   0
                      0
                         0
                            0 0 0.006 0 0
                                            0
                                               0
     0
        0
           0.006 0
                   0
                     0.006 0 0 0 0
                                      0
                                         0
                                            0.006 0
                                             0.006 0.037 0
        0.037 0 0
                          0 0.037 0 0.006 0
                   0
                     0
                         0
      0.006 0 0 0
                   0
                      0
                         0
                           0 0 0 0
                                      0.006 0.006 0
0.006 0.006 0 0.037 0
                  0.006 0
                          0.006 0
                                 0.006 0
                                        0
                                           0
                                              0
                                                 0.006 0
           0 0 0
                    0
                       0
                          0 0.006 0
                                    0.037 0 0
                                                           0
0.006 0 0 0 0.006 0
                       0
                          0.006 0
                                0
                                    0 0.006 0
                                                  0
                                               0
0.006 0.006 0 0
              0
                 0
                    0
                       0.037 0
                              0
                                 0
                                    0
                                       0
                                          0.037 0
0 0 0.006 0 0.006 0
                    0
                       0
                          0
                                      0.037 0 0 0
                                                   0.006 0
                             0
                                0
                                   0
0.006 0 0 0
             0.006 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0.006 0
  0
     0
        0 0
             0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0.006 0
0.006 0.006 0 0
              0
                    0
                       0
                          0.037 0 0.006 0 0
                                            0 0 0
                 0
0.006 0
         0.037 0.037 0 0.037 0 0 0.006 0 0 0
                                             0 0
                                                   0
      0
0.037 0
             0 0 0 0 0 0 0 0 0 0 0.006 0 0 0
0.006 0 0
         0.006 0
               0 0 0.006 0 0 0
                                                 0.006 0
                                     0 0
                                            0
                                               0
0.006 0 0 0 0 0.006 0.006 0 0 0 0 0 0
                                            0 0
                                                         0
        0 0 0 0.006 0
                        0.006 0.006 0 0.006 0 0.006 0
      0
         0
            0
               0
                   0
                         0.006
                      0
                         0 0 0 0 0 0.006 0 0.006 0
 298 298:000082 25:0000068
                     + 0
                          0 0.006 0 *0.037 0 0.006 0
     0.006 0
                   0
                      0
                         0
     0.006 0
                           0 0
                                 0 0
                                      0 0
             0
                0
                   0
                      0
                         0
                                             0 0
        0 0.006 0
                   0.006 0 0.006 0
                                 0
                                    0.006 0
                                            0
                                             0
                                                 0
0.006 0 0
         0
             0
                   0
                         0
                            0
                              0 0.006 0 0
                                            0
                                               0
                                                  0
               0
                      0
   0
        0
           0.006 0
                   0
                      0.006 0
                             0
                               0 0
                                      0
                                         0
                                            0.006 0
      0
        0.037 0 0
                   0
                      0
                         0
                          0 0.037 0 0.006 0
                                             0.006 0.037 0
0
   0
                                                         0
      0.006 0
             0
                   0
                      0
                         0
                            0 0
                                 0 0
                                       0.006 0.006 0
0.006 0.006 0 0.037 0
                   0.006 0 0.006 0 0.006 0
                                       0 0 0 0.006 0
```

```
0 0
              0
                 0
                      0
                         0
                             0
                                 0
                                     0.006 0
                                              0.037 0 0
                                                           0
                                                                          0
0.006 0
        0
           0
                0
                    0.006 0
                             0
                                 0.006 0
                                         0
                                              0
                                                 0.006 0
                                                           0
                                                              0
                                                                  0
                                                                      0
0.006 0.006 0 0
                  0
                      0
                         0
                             0.037 0
                                      0
                                          0
                                              0
                                                 0 0.037 0
   0 0.006 0
                                                0.037 0 0
                0.006 0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                            0
                                                                 0.006 0
0.006 0
        0
           0
                0.006 0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0.006 0
                  0
                         0
                                                       0.006 0
0 0
       0
          0 0
                      0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                                 0
                             0
0.006 0.006 0
              0
                  0
                      0
                         0
                                 0.037 0
                                         0.006 0
                                                  0
                                                       0
                                                          0 0
0.006 0
            0.037 0.037 0
                          0.037 0 0 0.006 0 0 0
                                                        0
                                                                0
        0
                                                            0
0.037 0
                0
                   0 0
                          0 0
                                  0 0
                                         0 0 0 0.006 0 0
0.006 0
         0
            0
                0.006 0 0.006 0
                                  0.006 0 0.006 0 0
                                                         0 0
                                                                0.037 0.006
           0.006 0
                   0 0.006 0
                                     0 0 0
                                                0 0
                                                       0 0
                                                              0.006 0
0.006 0
            0 0 0.006 0.006 0 0 0
                                              0 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                        0
         0
                 0
                      0.006 0
                               0.006 0.006 0
                                              0.006 0
                                                       0.006 0
              0
0.006 0
         0
            0
                0
                    0
                        0
                           0
                               0.006
 299 299:000083 299:000083
                             0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0
                                                                      0
                                                                          0
   0
       0
           0
               0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
0
   0
       0
           0
              0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      0
0
                                            0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      0
0
   0
                          0
                                                0
                                                               0
                                                                      0
       0
           0
              0
                  0
                      0
                             0
                                 0
                                     0
                                         0
                                            0
                                                    0
                                                       0
                                                           0
                                                                   0
0
                                                                      0
   0
       0
           0
              0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      0
0
   0
                          0
                                                                      0
       0
           0
              0
                  0
                      0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      0
0
   0
       0
           0
              0
                  0
                      0
                          0
                                            0
                                                0
                                                               0
                                                                   0
                                                                      0
                              0
                                 0
                                     0
                                         0
                                                    0
                                                       0
                                                           0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      0
                                                    0
0
   0
       0
              0
                      0
                                     0
                                            0
                                                           0
                                                                      0
           0
                  0
                          0
                              0
                                 0
                                         0
                                                0
                                                    0
                                                       0
                                                               0
                                                                   0
0
   0
       0
           0
              0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      0
0
   0
       0
           0
              0
                  0
                      0
                          0
                                         0
                                             0
                                                                   0
                                                                      0
                              0
                                 0
                                     0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
0
   0
       0
           0
              0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                  0
0
   0
           0
                  *0.31 0
       0
              0
                          0
                               0
                                  0
                                       0
                                         0
                                              0
                                                 0
                                                     0
                                                             0
                                                                    0
0
   0
       0
           0
              0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                      0
0
   0
       0
           0
              0
                  0
                      0
                          0
                              0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
                                                                   0.071 0
0
   0
       0
           0
              0
                  0
                      0
                          0
                              0
                                 0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
0
   0
       0
           0
               0
                  0
                      0
                              0
                                 0.31 0
                                         0
                                            0
                                                 0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                   0 0
                          0
   0
           0
                  0
                      0
                          0.31 0
                                  0
                                          0
                                             0
                                                 0
                                                     0
                                                         0
       0
               0
                                      0
 300 300:000083 25:0000068
                           + 0
                                0
                                     0
                                        0
                                            0
                                               0
                                                    0.006 0 0.006 0
       0.006 0
                                     0.006 0 *0.037 0 0.006 0
0
                0
                           0
                               0
                                   0
       0.006 0
                0
                                   0
                                      0
                                         0 0
                                                 0 0
0
   0
                    0
                        0
                           0
                               0
                                                        0
                                                             0
           0 0.006 0
                        0.006 0 0.006 0
                                          0
                                              0.006 0
                                                       0
                                                           0
                                                              0
   0
       0
            0
                0
                        0
                               0
                                       0
                                         0.006 0 0
                                                       0
                                                           0
                                                               0
                                                                   0
0.006 0
                    0
                           0
                                   0
                                                                          0
   0
           0
              0.006 0
                           0.006 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0.006 0
0
   0
       0
           0.037 0
                        0
                           0
                               0
                                   0 0.037 0 0.006 0
                                                         0.006 0.037 0
                                                                        0
       0.006 0
                0
                        0
                           0
                               0
                                   0
                                       0
                                          0 0
                                                 0.006 0.006 0
0.006 0.006 0 0.037 0
                        0.006 0 0.006 0
                                          0.006 0
                                                  0 0 0 0.006 0
```

```
0 0 0
                       0
                           0
                               0
                                  0.006 0
                                          0.037 0 0
                                              0.006 0
0.006 0
        0
           0
               0
                  0.006 0
                           0
                              0.006 0
                                      0
                                          0
                                                      0
                                                          0
                                                             0
                                                                 0
0.006 0.006 0 0
                0
                    0
                       0
                           0.037 0
                                   0
                                       0
                                          0
                                              0
                                                 0.037 0
   0 0.006 0
                                            0.037 0 0
               0.006 0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                                        0
                                                            0.006 0
                                                   0.006 0
0.006 0
        0
           0
               0.006 0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
  0
                0
                       0
                                                   0.006 0
      0
         0 0
                    0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
0.006 0.006 0
             0
                 0
                    0
                       0
                           0
                              0.037 0
                                      0.006 0
                                              0
                                                   0
                                                      0 0
0.006 0
           0.037 0.037 0
                        0.037 0 0 0.006 0 0
                                                    0
                                                           0
        0
                                                 0
                                                        0
0.037 0
               0 0 0
                               0 0
           0
                        0 0
                                      0 0 0 0.006 0
                                                         0
0.006 0
        0
           0
               0.006 0 0.006 0
                               0.006 0 0.006 0 0
                                                    0 0
                                                           0.037 0.006
          0.006 0
                  0 0.006 0
                                  0 0 0
                                            0 0
                                                   0 0
                                                         0.006 0
0.006 0 0
          0 0 0.006 0.006 0 0 0 0 0 0
                                                    0
                                                        0
                                                            0
                                                                  0
             0
                0
                    0.006 0
                             0.006 0.006 0 0.006 0
                                                   0.006 0
          0
0.006 0 0 0
               0 0 0
                         0
                             0.006
 301 301:000083 10:0000021
                         + 0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0 *0.056 0
   0 0
         0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0.007 0
                                                    0 0.007 0
0.007 0 0 0
               0.007 0
                       0
                           0
                              0
                                  0
                                     0.007 0
                                             0.007 0 0 0 0
0.007 0 0.007 0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                            0
                                                0 0 0.007 0
                                         0.007 0 0
                               0
                                                    0 0.007 0
      0
          0
             0
                 0
                    0
                        0
                           0
                                  0
                                     0
   0.007 0.007 0
                 0.007 0
                         0
                            0.007 0
                                     0
                                        0.007 0
                                                 0
                                                    0
                                                        0
                                                           0.007 0
   0.007 0
           0 0
                  0
                      0
                        0
                             0.007 0
                                     0
                                         0
                                            0 0
                                                   0
                                                      0
                                                          0
                                                             0.007 0
               0
                  0
                     0.056 0
                              0
                                  0.056 0
                                          0
                                             0
                                                 0
                                                     0.007 0
      0 0 0.007 0
                      0 0
                           0
                                0
                                    0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
0.007 0
           0.056 0 0
                                       0.007 0.007 0
        0
                       0.056 0
                                0
                                    0
                                                     0
   0.007 0
          0.007 0.007 0
                                   0
                                       0
                                          0.007 0
                         0
                            0
                                0
                                                   0
                                                     0 0
0.007 0.007 0 0
                0
                    0
                       0.007 0
                                0
                                   0.007 0
                                            0.007 0
                                                     0
                                                        0
                                                           0
      0
             0
                0
                    0.007 0
                            0.007 0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                         0
                                                             0
                                                                0
          0 0 0.007 0 0.007 0
                                              0
                                                 0.007 0 0
   0.007 0
                                    0
                                       0
                                          0
                                                            0.007 0
0
             0.007 0
                             0
                                    0
                                          0
                                                 0
                                                        0 0
   0
      0
          0
                      0
                         0
                                0
                                       0
                                              0
                                                     0
                                                               0 0
             0.007 0
                                                     0.056 0 0 0 0
      0
          0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
   0
      0
          0.056 0 0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                        0.007 0.007
0.056 0
               0.007 0
                           0.007 0
        0
                       0
                                    0
                                       0
                                          0
                                              0
                                                        0
   0 0.007 0
               0
                      0
                         0
                             0.007 0
                                     0 0
                                            0.007 0
                                                     0.007 0
                  0
                                                             0
0.007 0 0.007 0.007 0
                         0.007 0
                                0
                                     0.007 0
                                              0.007 0
                      0
                                                     0
             0.007 0
                                    0
                                          0
                                                 0.007 0.056 0
      0
          0
                      0
                         0
                             0
                                0
                                       0
                                              0
0.056 0 0 0 0 0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                     0.007 0.007 0.007 0
0
   0
 302 302:000083 83:0000224
                         + 0.021 0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                 0
                    0
                        0
                                                       0
                    0
                        0
                           0
                              0
                                  0.021 0
                                                     0.021 0
0
   0
      0
          0
             0
                 0
                                          0
                                              0
                                                 0
                                                                 0
                                                                    0
               0
                      0
                        0
                             0
                               0 0
                                      0
                                          0
                                              0
                                                 0
                                                     0.021 0
                                                                    0
0
          0
             0
                 0
                    0
                        0
                           0
                             0 *0.101 0
                                          0
                                              0
                                                  0
                                                                   0
   0
      0
                                                     0
                                                         0
                                                            0
0
   0
      0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0.021 0
                                                                   0
```

0 0

0.021 0 0 0 0 0

0 0

```
0
                                       0
                                              0
                     0
                                0
                                    0
                                           0
   0
       0
          0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0.021 0
                                                    0
                                                       0
                                                           0
                                                              0
              0
                             0
                                0
                                    0
                                       0
                                              0
                                                            0.021 0
                                                      0.021 0 0
0.021 0
        0
            0
                0
                   0
                       0
                          0
                              0
                                 0
                                     0
                                        0 0
                                               0
                                                    0
                                                                    0
                                                     0
          0
              0
                  0.021 0
                          0.021 0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                         0.021 0
                                                           0 0
0
   0
       0
          0
              0
                  0
                     0
                         0
                            0
                                    0
                                       0
                                           0.101 0
                                                    0
                                                       0
                                0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                              0.021 0
                                                       0
                                                           0.021 0
0
   0
          0
                                                             0.021 0
       0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
0
   0
                                                             0
       0
          0
              0
                  0.021 0
                          0
                              0
                                 0 0
                                       0.101 0
                                                  0
                                                     0
                                                         0
0
   0
       0
          0
              0
                  0
                     0
                         0
                                0
                                    0
                                       0
                                           0.021 0
                                                    0
                                                       0
                                                          0
                                                              0
                                                                  0
                            0
0
   0
       0
          0
              0
                  0
                     0
                         0
                             0
                                0.101 0
                                        0
                                            0
                                                    0
                                                           0
0
   0
       0
          0
              0
                  0
                                       0
                                           0
                                                      0
                                                             0
                                                                 0
                                                                    0
                     0
                         0
                             0
                                0
                                    0
                                              0
                                                  0
                                                         0
   0
              0
                  0
                     0
                         0
                             0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                         0
0.021 0 0
           0 0
                  0 0
                         0
                              0
                                0 0.021 0
                                              0
                                                  0
                                                     0.101 0
                                                             0
                                                                  0
                                                                    0
   0
       0
 303 303:000083 34:0000095
                          + 0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0.008 0.006 0.008 0
0.006 0 0
                                0.007 0.006 0
           0
                0.008 0 0 0
                                              0
                                                  0.004 0 0.006 0 0.008
       0.007 0
                0
                   0.008 *0.013 0 0
                                     0
                                         0
                                             0
                                                0.006 0.006 0
                                  0.004 0.006 0.008 0
       0
          0.006 0
                   0
                       0
                         0 0
                                                     0.008 0.006 0
   0.006 0
                0
                   0
                       0.008 0
                               0.006 0
                                         0
                                            0
                                                0 0.013 0
                                                            0
0.006 0
                0
                              0
                                  0
                                            0.008 0
        0
            0
                   0
                       0
                          0
                                     0
                                         0
                                                     0.01 0.008 0
          0.008 0
                   0
                       0
                          0
                              0
                                  0
                                     0
                                         0.006 0
                                                  0
                                                     0.006 0
0.006 0
       0.004 0
                 0.008 0.006 0.006 0
                                     0
                                        0
                                            0.004 0.006 0 0
                                                              0.006 0
0.006 0
                0.008 0.008 0
                              0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
            0.004 0
                     0 0.007 0 0.008 0
                                         0.01 0.007 0
                                                       0
                                                          0
                                                               0
       0.006 0.008 0
                     0.006 0.007 0.006 0
                                        0
                                            0 0.006 0
                                                        0.004 0
   0.004 0
            0
                0.008 0
                        0.006 0
                                 0.008 0
                                         0 0.006 0 0
                                                          800.0 800.0
0.006 0 0
            0
                  0.006 0 0 0
                                   0 0 0.006 0 0.006 0
0.008 0.006 0.008 0
                                        0.006 0
                                                     0
                                                        0.008 0.006 0.008
                  0
                       0
                         0
                              0
                                 0
                                     0
                                                 0
   0.013 0
            0.008 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0.008 0
                                                           0
   0.006 0
            0.006 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0.008 0
                                                              0
                                                                  0
                                                                    0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                      0.006 0
                                               0.004 0
                                                        0
                                                               0.01 0
        0
           0.008 0.006 0
                         0.006 0.006 0
                                        0.006 0
                                                 0
                                                     0.008 0.006 0
                                                                   0.006
0.006 0.006 0 0 0.006 0.006 0 0
                                       0
                                         0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                    0
0.008 0
                0.008 0.004 0
                                 0
                                     0.004 0
                                              0.008 0
                                                       0.008 0
        0
           0
                              0
                                                                0.008 0
0.006 0
        0.007 0.006 0.008 0
                          0 0
                                   0.008 0 0
                                               0
                                                   0.008 0
0.006 0
        0
           0.004 0
                     0.006 0.008 0
                                   0
                                       0
                                         0
                                              0.008 0.004 0.006 0.006 0
  0 0.006 0
                0
                  0 0
                          0.006 0
                                   0
                                       0.006 0
                                                0
                                                   0
                                                       0.008 0
0.004 0.006 0.004 0
                   0.008 0
                           0 0
                                   0.008 0 0
                                               0 0
                                                       0
                                                           0.006 0
                                                                   0.008
 304 304:000083 8:0000019
                               0
                                   0
                                                0.006 *0.035 0.006 0
                          + 0
                                       0
                                          0
                                              0
          0.006 0
                       0
                              0
                                     0
                                         0.006 0
                                                  0
                                                     0
                                                         0.006 0
                          0
                                  0
   0
       0.006 0
                0
                       0
                              0
                                     0
                                        0 0
                                               0 0
                                                      0 0 0
                                                                  0.035 0
0
                   0
                          0
                                  0
              0.006 0
                       0.006 0
                                0.006 0
                                        0
                                            0.006 0
                                                     0
                                                         0
                                                            0
0.006 0 0.035 0 0 0 0 0
                                0 0 0 0.006 0 0 0
                                                           0
```

```
0.006 0 0 0.006 0 0 0 0 0 0.006 0 0
         0
               0 0
                     0
                         0
                           0
                               0 0
                                     0 0.006 0
                                               0.006 0 0.035 0
      0.006 0 0 0 0.035 0
                           0
                               0.035 0 0 0 0.006 0.006 0
0.035 0.006 0.006 0 0 0 0.006 0
                               0.006 0 0.006 0
                                              0 0 0
                                                      0.006 0
                               0.035 0.006 0 0
            0
              0
                 0
                     0
                         0
                            0
                                              0
   0.006 0 0 0 0 0.006 0
                           0
                               0.006 0 0.035 0
                                              0.006 0 0
   0.006 0.006 0 0 0 0
                            0
                               0 0 0 0 0
                                              0
                                                  0 0
  0 0.006 0.035 0.006 0 0 0
                            0 0
                                  0
                                         0 0
                                                     0.006 0
                                      0
                                               0 0
0.006 0 0 0.006 0 0 0
                               0 0 0 0 0 0.006 0
  0 0
        0 0.035 0 0 0 0
                             0 0
                                   0 0
                                         0
                                            0
                                                0.006 0
                                                        0
0.006 0.006 0 0 0 0 0.035 0
                            0 0 0.006 0 0 0 0
0.006\ 0 \quad 0.006\ 0.035\ 0 \quad 0 \quad 0\ 0.035\ 0
        0 0
              0 0
                     0
                           0
                         0
                               0
                                 0
                                     0.006 0
                                             0 0
                                                   0.006 0.006 0
  0 0.006 0 0.006 0
                     0.006 0 0.006 0
                                     0
                                        0 0 0 0.006 0 0
0.006 0 0
         0 0.006 0
                               0
                                 0
                                        0
                                           0.006 0
                                                   0.035 0.006 0
                     0
                        0
                            0
                                     0
         0.006 0.006 0
                        0
                           0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                     0 0 0
                     0
                                                 0
         0.006 0
                 0.006 0.006 0.035 0.006 0 0.006 0
                                              0
                                                 0
                                                    0.006 0 0
      0
   0
      0
         0.035 0 0.006
 305 305:000084 251:000072
                                  0
                                        0
                      + 0
                            0
                               0
                                     0
                                           0
                                              0
                                                  0
                                                     0
0 0 0 0 0
              0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0.008 0 0 0.008 0
                  0
0.008 0 0
         0
             0.008 0
                        0
                            0
                               0
                                  0.008 0 0.008 0 0
                     0
                                                    0
                            0
0.008 0 0.008 0
               0
                     0
                         0
                               0
                                  0
                                     0 0 0 0 0.008 0 0
                  0
  0 0
        0 0
               0
                     0
                         0
                            0
                               0
                                  0
                                     0.008 0 0 0.008 0
                  0
  0.008 0.008 0
               0.008 0
                          0.008 0
                                     0.008 0 0 0 0
                                                     0.008 0
                       0
                                  0
  0.008 0
                          0.008 0
                                  0
                                     0 0 0 0 0 0.008 0
          0
            0
                 0
                    0
                       0
0.008 0 0
          0
             0
                 0
                    0
                       0
                          0
                             0
                                0 0 0 0 0.008 0
                                                    0
  0 0.008 0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                             0
                                               0 0
                                                     0
0.008 0
      0
                    0
                          0
                             0
                                0.008 0.008 0
         0
                       0
                                             0
                                                0
0.008 0 0.008 0.008 0
                    0
                       0
                          0
                             0
                                0
                                   0.008 0
                                          0
                                              0
                                                 0
                                                    0
                                                       0
                                                           0.008
          0 0 0.008 0 0 0.008 0
                                   0.008 0
                                              0
                                                    0
  0 0 0 0.008 0 0.008 0 0 0 0 0
                                           0
                                              0
                                                  0
                                                     0
         0
             0.008 0 0.008 0
                                   *0.172 0
                                           0.008 0
0.008 0
       0
                            0
                                0
                                                   0
                                                      0.008 0
      0.172 0 0.008 0 0 0 0 0 0 0 0
                                              0 0 0 0
         0 0
                    0.172 0 0 0 0 0 0
                                             0 0 0.008 0.008 0
            0
         0.008 0 0 0.008 0 0 0 0 0 0 0 0 0 0
0.008 0 0
         0 0 0 0.008 0
                           0 0 0.008 0 0.008 0 0
                                                      0.008 0
0.008 0.008 0 0 0.008 0
                      0 0.008 0
                                  0.008 0 0 0 0
      0.008 \ 0 \quad 0.008 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0
                                 0 800.0 800.0 800.0
         0 0
              0 0
                     0 0
                           0 0
 306 306:000085 11:0000023 + 0
                            0
                               0
                                  0
                                     0
                                        0
                                           0.006 0
*0.084 0
        0 0
              0.006\ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.006\ 0 \quad 0 \quad 0.006\ 0
            0.006 0 0 0 0 0
                                  0 0
                                         0 0
                                               0 0
            0 0 0.006 0.084 0.006 0 0.006 0 0 0.006 0
                                                            0
```

```
0.006 0 0 0 0 0 0 0 0 0 0 0.006 0 0
                                                                                                0 0 0 0
                           0 0.006 0 0 0.006 0 0
                                                                         0 0 0 0 0.006 0
                                      0 0 0 0 0
                                                                    0
                                                                        0 0.006 0 0.006 0 0
           0.006\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
                                                                           0.006 0.006 0
                                                                                                  0 0
                          0 0.006 0
                                               0.006 0 0.006 0
0.006 0.006 0 0
                                                                            0
                                                                                 0
                                                                                       0
                                                                                             0.006 0 0
0 0 0 0 0
                                                   0.006 0
                           0 0
                                      0
                                             0
                                                                0
                                                                     0
                                                                           0 0 0 0 0.084 0
0.006 0 0 0 0.006 0
                                             0
                                                   0.006 0
                                                                0
                                                                      0
                                                                            0.006 0
                                                                                        0
                                                                                                0
0.006 0.006 0 0 0
                                                                                     0
                                                                                           0.084 0
                                 0
                                       0
                                             0
                                                   0
                                                        0
                                                              0
                                                                    0
                                                                         0
                                                                               0
0 0 0.006 0 0.006 0
                                       0
                                             0
                                                   0
                                                        0
                                                              0
                                                                    0
                                                                         0
                                                                               0
                                                                                     0
                                                                                           0
                                                                                                0.006 0.084
0.006 0 0 0
                         0.006 0
                                       0
                                             0
                                                   0
                                                        0
                                                              0
                                                                    0
                                                                         0
                                                                               0
                                                                                     0.006 0
0 0 0 0 0
                                       0
                                             0
                                                   0
                                                        0
                                                              0
                                                                    0
                                                                          0
                                                                                     0.006 0
0.006 0.006 0 0 0 0
                                       0
                                             0
                                                   0
                                                        0
                                                              0.006 0
                                                                               0
                                                                                       0
                                                                          0
                                                                                             0
                                                                                                   0
                                                                                                              0
0.006 0 0 0 0 0 0 0
                                                    0.006 0
                                                                         0.084 0
                                                                    0
                                                                                       0
0 0 0 0 0 0
                                      0 0 0 0 0
                                                                    0.006 0 0 0 0.006 0.006 0
           0.006 0 0.006 0 0.006 0 0 0 0 0 0.006 0 0
0.006 0 0 0 0.006 0 0 0 0 0
                                                                         0 0.006 0
                                                                                                   0.006 0 0
                                                                    0
                                                                                             0
           0.006 0.006 0.084 0 0 0 0 0 0 0 0
                                                                                             0
                                                                                                   0
                                                                                      0
           0 0.006 0 0.006 0.006 0 0.006 0 0.006 0
                                                                                      0
                                                                                             0.006 0 0
                 0.006
           0
  307 307:000085 40:0000107 + 0 0
                                                        0 0
                                                                    0
                                                                          0
                                                                               0.006 0 0.006 0
          0.006 0
                                                    0 0.006 0
                                                                         0
                                                                               0
                                                                                     0.006 0
                        0
                              0
                                    0
                                         0 0
                                         0 *0.045 0 0 0 0
    0.006 0
                         0
                               0
                                    0
           0 0.006 0
                                   0.006 0 0.006 0 0 0.006 0
                                                                                     0
                                                                                          0
                                                                                                0
                  0
                         0 0 0
                                                    0 0.006 0
                                         0 0
                                                                                     0
                                                                                           0
           0 0 0.006 0 0 0.006 0 0 0 0 0 0 0.006 0
                                                                                                 0
                      0 0 0.045 0 0 0 0 0 0.006 0
                                                                                     0.006 0
0 0.006 0.045 0 0 0 0 0 0 0 0 0 0.006 0.006 0 0 0 0.006
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0
                                                                                      0.006 0
                                                                                 0
               0 0
                                      0
                                             0.006 0 0 0 0
                                                                                  0
                          0 0
                                                                           0
                                                                                      0 0 0
                                                                                                         0.006 0
0 0 0 0.006 0 0 0.006 0
                                                  0
                                                        0
                                                              0.006 0
                                                                           0
                                                                                  0.045 0 0
0.006 0.045 0 0 0 0
                                      0 0
                                                  0
                                                        0
                                                              0
                                                                    0 0 0
                                                                                     0 0
                                                                                                0
                                                                                                      0 0 0
0.006 0 0.006 0
                           0
                                  0
                                       0
                                             0
                                                   0
                                                        0
                                                              0
                                                                    0
                                                                         0 0
                                                                                     0.006 0
                                                                                                   0.006 0
0 0.006 0 0 0 0 0 0 0 0 0.006 0 0
                                                                                     0 0 0
                                                                                                      0 0.045
                                                                    0.006 0 0 0 0.006 0.006
               0 0 0 0 0
                                             0 0 0
                                                             0
0 0.045 0 0 0 0 0 0.006 0
                                                                         0 0 0 0 0
                                                                                                      0.006
                                                              0
                                                                    0
0.045 0 0 0 0 0 0 0.006 0
                                                              0 0 0.045 0 0 0 0 0 0
0 0 0
               0 0 0 0
                                      0 0
                                                  0 0
                                                              0.006 0 0 0
                                                                                      0.006 0.006 0
0 0.006 0 0.006 0 0.006 0
                                               0.006 0
                                                              0.045 0 0 0
                                                                                       0.006 0
                                                              0 0 0 0.006 0 0 0.006 0 0
0.006 0 0
                  0 0.006 0 0 0 0
         0.006 0.006 0 0
                                                   0 0
                                                                    0
                                                                         0 0
                                                                                    0 0.045 0 0
                                       0 0
                                                              0
0.045 0 0 0 0.006 0 0.006 0.006 0
                                                              0.006 0 0.006 0
                                                                                        0 0.006 0
                0 0 0 0.006
           0
  308 308:000085 8:0000019
                                       + 0 0 0 0 0 0 0.006 *0.035 0.006 0
\begin{smallmatrix} 0 & 0 & 0 & 0.006 & 0 & 0 & 0 & 0 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0 & 0.006 & 0 & 0.006 & 0 & 0.006 & 0 & 0.006 & 0 & 0.006 & 0 & 0.006 & 0 & 0.006 & 0 & 0.006 & 0 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006 & 0.006
```

```
0 0.006 0 0.006 0 0.006 0 0
                                 0.006 0 0 0
0.006 0 0.035 0
             0 0 0 0 0
                          0
                             0 0.006 0 0 0 0
          0 0.006 0 0 0.006 0 0 0 0 0 0 0.006 0
     0
        0
             0 0
                  0 0
                             0
                                   0.006 0 0.006 0 0.035 0
                        0
                          0
                                0
     0.006 0 0 0 0.035 0 0
                          0.035 0 0 0 0.006 0.006 0 0
0.035 0.006 0.006 0 0 0 0.006 0
                          0.006 0 0.006 0
                                       0 0 0
                                               0.006 0
     0 0 0 0 0
                  0 0
                          0.035 0.006 0 0
                       0
                                        0
                                          0
                                             0 0
  0.006 0 0 0 0.006 0
                       0
                          0.006 0 0.035 0
                                        0.006 0 0
  0.006 0.006 0 0 0 0 0
                       0 0 0 0 0 0 0 0
                                                0
  0 0.006 0.035 0.006 0 0 0 0 0 0 0 0 0 0 0 0 0.006 0
0.006 0 0 0 0.006 0 0 0 0 0 0 0 0 0 0.006 0
       0 0.035 0 0 0 0
                        0 0 0 0
                                   0
                                      0
                                         0.006 0
0.006 \ 0.006 \ 0 \quad 0 \quad 0 \quad 0.035 \ 0 \quad 0 \quad 0.006 \ 0 \quad 0 \quad 0 \quad 0
0.006 0 0 0 0 0 0 0 0 0.006 0.035 0 0 0 0.035 0
        0 0 0 0
                  0
                     0 0 0 0
                                0.006 0
                                       0 0 0.006 0.006 0
     0.006 0 0.006 0 0.006 0 0.006 0
                                0
                                  0 0
                                        0 0.006 0 0 0
0.006 0 0 0 0.006 0 0 0
                          0
                             0
                                0
                                  0 0.006 0 0.035 0.006 0
        0.006 0.006 0 0 0 0
                             0 0
                                  0
                                     0
                                        0
                                          0
                                             0 0 0 0
        0.006 0 0.006 0.006 0.035 0.006 0 0.006 0
  0
     0
                                       0 0
                                             0.006 0 0
        0.035 0 0.006
  0
 309 309:000086 65:0000165 + 0.023 0 0.006 0
                                  0 0 0 0
0.022 0.006 0 0 0 0 0 0 0 0 0 0 0 0 0 0
            0 0.012 0 0 0 0 0 0.023 0 0.013 0
        0 0.023 0 0 0 0.022 0 0 0 0 0 0 *0.035 0
        0 0 0 0
0.023 0 0
                   0 0
                        0 0 0 0 0 0 0.021 0 0
       0
          0
            0 0
                  0 0
                       0 0
                             0
                                0
                                   0 0
                                       0
                                           0
0.023 0 0.012 0
             0.012 0.022 0
                                  0 0 0.023 0
                       0 0
                             0
                                0
                       0
                          0
                             0
                                0.013 0 0
       0
          0
            0
               0
                  0
                     0
                                         0
                                           0
                                   0.022 0
          0
             0
                0
                  0
                     0
                       0
                          0
                             0
                                0
                                         0 0.012 0
0.023 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
        0
            0.023 0
                   0.023 0 0
                             0 0 0 0 0 0
          0
     0.023 0 0
              0
                0
                    0
                      0 0 0 0 0.023 0.032 0.023 0
     0 0.023 0
                    0.013 0 0 0 0 0 0 0 0
              0
                0
0.021 0 0
        0 0
                   0 0 0 0
                              0 0
                                   0
                                      0
              0
                 0
                                        0
                                            0
0.021 0.023 0 0 0.023 0
                   0
                      0
                        0 0
                              0.006 0 0 0 0
                                            0
     0.006 0 0 0 0.023 0 0.021 0 0
                                 0 0
                                         0.023 0
                                                   0
                                      0
              0 0 0 0.023 0 0
                                0
                                  0
                                        0
                                                0.006 0
  0.006 0.023 0 0 0 0 0 0 0 0
                                  0
                                     0
                                        0
                                           0
                                             0
        0 0
              0 0
                   0 0 0.023 0
                                  0
                                     0
                                        0
                                             0
                                0
                                           0
  0 0 0 0 0 0 0 0 0 0.013 0 0 0 0 0 0 0
0.006 0 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0
  0.023 0 0 0 0.021 0 0 0 0 0 0
```

```
0.008 0
  *0.037 0
           0
               0
                  0
                     0
                         0
                            0.037 0
                                    0
                                        0
                                           0
                                                      0
                                                          0.008 0
   0.008 0
           0
              0
                  0.008 0
                          0
                             0
                                 0
                                    0
                                       0.008 0
                                               0.008 0
   0.008 0
           0.008 0
                                    0
0
                   0
                       0
                          0
                             0
                                 0
                                       0
                                           0
                                              0
                                                 0 0
                                                        0.008 0
                                                  0.037 0.037 0.008 0
         0
             0
                0
                          0
                             0
                                 0
                                    0
                                        0
                                           0.008 0
         0.008 0.008 0
                       0.008 0
                                  0.008 0
                                              0.008 0.037 0
0
      0
                              0
                                          0
                                                          0 0.037
                                    0
        0
              0.008 0
                       0
                          0
                             0
                                 0
                                       0.008 0
                                               0
                                                  0
                                                      0
                                                         0
   0.008 0
           0.008 0
                                 0
                                    0
                                       0
                                          0
                                                        0
                                                           0.008 0
                   0
                       0
                          0
                             0
                                             0
                                                 0
                                                     0
                                    0 0
                                                0
         0
             0
                   0
                       0.008 0
                              0 0
                                           0
                                                  0
                                                      0
           0.008 0
0
   0.037 0
                   0
                       0
                          0
                             0
                                0
                                    0
                                       0
                                          0
                                              0.008 0.008 0
0
         0.008 0
                 0.008 0.008 0 0 0
                                     0
                                         0
                                           0 800.0
0
   0.008 0.008 0
                0
                   0
                       0 0.008 0 0
                                    0.008 0 0.008 0 0
                                                         0
                       0.008 0
                               0.008 0
                                          0
                   0
                                       0
                                              0
                                                 0
                                                    0
0
      0.008 0 0 0.008 0 0.008 0
                                    0
                                         0 0 0 0 0.008 0
0
               0.008 0
                              0.037 0
                       0 0
                                       0.037 0
                                               0
                                                  0
              0
                    0.008 0
                             0
                                                 0
   0.037 0
          0
                  0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                     0
                                                        0
                                                           0
             0
               0 0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0.037 0 0
                      0
                          0
                                                             0.008
0.008 0
       0
          0
              0
                 0.008 0 0
                             0.008 0.037 0
                                          0
                                              0.037 0
                                                      0
                                                         0
                                                             0
             0.008 0 0
                                          0
                       0
                           0
                               0 0.008 0
                                              0
                                                 0.008 0
                                                         0.008 0
           0.008 0.008 0
                           0.008 0 0 0.008 0 0.008 0 0
   0.008 0
                       0
                                                          0.037 0
                   0.008 0
                            0
                              0 0 0 0
                                           0
                                                0
                                                  0 800.0
                0
                                              0 0 0.008 0.008 0.008
0
   0
      0
          0
             0
                0
                   0
                      0 0 0 0 0 0
   0
      0
                                   0
                                           0
                                              0.006 0
                                                     0.006 0
 311 311:000086 25:0000068
                        + 0
                             0
                                 0
                                       0
                              0 0.006 0 *0.037 0
0
   0
      0.006 0
              0
                  0
                     0
                        0
                            0
                                                   0.006 0
      0.006 0
              0
                     0
                        0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                                0
                                                  0
                                                      0
         0
             0.006 0
                     0.006 0
                             0.006 0
                                     0
                                         0.006 0
                                                 0
                                                        0
                                                    0
0.006 0 0
          0
              0
                     0
                            0
                               0
                                  0
                                     0.006 0 0
                                                 0
                                                     0
             0.006 0
                        0.006 0
                                0
                                    0 0
                                          0
                                              0
0
   0
      0
         0
                     0
                                                 0.006 0
                                 0.037 0
                                          0.006 0
                                                  0.006 0.037 0
         0.037 0
                     0
                            0
                              0
      0.006 0 0
                0
                     0
                        0
                            0
                              0
                                  0
                                     0 0
                                           0.006 0.006 0
                                                         0.037 0
0.006 0.006 0 0.037 0
                     0.006 0
                             0.006 0
                                     0.006 0
                                             0
                                                 0
                                                        0.006 0
             0
               0 0
                       0
                          0
                             0
                                 0.006 0
                                         0.037 0
                                                 0
                                                        0
                                                                  0
         0
                                                     0
                                                           0
                                                               0
          0 0.006 0
                                            0.006 0
0.006 0 0
                          0
                             0.006 0
                                     0
                                         0
                                                        0
0.006 0.006 0 0
               0
                          0.037 0
                                               0.037 0
                   0
                       0
                                  0
                                     0
                                         0
                                            0
                                                           0
   0 0.006 0
              0.006 0
                       0
                                          0.037 0
                                                          0.006 0
                          0
                             0
                                 0
                                    0
                                       0
                                                  0 0
0.006 0
       0
          0
              0.006 0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                                 0.006 0
                                                         0
                                              0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                        0
                                           0
                                              0
                                                 0.006 0
0.006 0.006 0 0
                0
                   0
                       0
                          0
                             0.037 0
                                    0.006 0 0
                                                 0 0 0
                                                          0
                                                              0 0
0.006 0
           0.037 0.037 0
                       0.037 0
                               0 0.006 0
                                           0
                                                   0
                                              0
                  0 0
0.037 0
        0
           0
              0
                       0 0
                              0 0
                                     0 0 0 0.006 0
                                                       0
                                                         0.037 0.006
0.006 0
              0.006 0 0.006 0
                              0.006 0 0.006 0
                                                   0 0
                                               0
         0.006 0
                 0 0 0.006 0 0 0 0 0
                                                 0
                                                    0
                                                        0.006 0
0.006 0
                  0.006 0.006 0 0 0 0 0 0
        0
          0 0
                                                  0
                                                      0
```

310 310:000086 14:0000032

+ 0

0 0

```
0 0
                      0.006 0
                               0.006 0.006 0
                                             0.006 0
                                                       0.006 0
0.006 0
        0
            0
                0
                    0
                       0
                           0
                               0.006
 312 312:000087 41:0000109
                                 0
                                        0
                                                0
                                                   0.006 0 0.006 0
                           + 0
                                    0
                                            0
       0.006 0
                0
                           0
                               0 0.006 0
                                                0
                                                   0
                                                       0.006 0
                    0
                       0
                                 *0.147 0
   0.006 0
                0
                    0
                       0
                           0
                               0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
            0
              0.006 0
                       0.006 0
                                0.006 0.147 0
                                               0.006 0
                                                        0
0.006 0
        0
           0
                0
                  0
                       0
                          0 0
                                 0 0.006 0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0
                                                                      0
              0.006 0
                       0
                          0.006 0 0
                                        0
                                            0
                                               0
                                                   0
                                                       0.006 0
                                       0 0.006 0 0.006 0
              0
                 0 0
                        0
                             0
                                0
                                    0
                                                              0
                                                                0.006 0.006
                0
                   0
                       0
                          0
                               0
                                 0
                                     0
                                         0.006 0.006 0
        0
           0
                                                        0 0
           0.006 0 0.006 0 0.006 0
                                                         0 0
                                              0
                                                 0.006 0
                                      0
                                          0
                 0
                      0.006 0
                              0
                                 0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0 0.006 0
                                                        0.006 0.006 0
   0.006 0
            0
                0.006 0
                         0 0
                                0.006 0
                                          0
                                              0
                                                 0
                                                     0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                                0
                                                           0
                                                               0.006 0
                                        0
                                            0
                                                   0
                                                       0
0.006 0
        0
            0
                0
                   0
                      0
                          0 0
                                 0 0
                                         0 0.006 0
                                                       0.006 0
                                      0.006 0
0.006 0
                    0
                       0
                          0
                               0
                                   0
                                               0
                                                   0
                                                       0.147 0
                                        0.006 0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                                 0
                                                     0
                                                         0
                                                            0.006 0.006 0
                                                            0.006 0
       0
           0
              0
                  0
                      0
                         0.006 0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
0
                  0.006 0
                                                              0
   0
       0
           0
              0
                           0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0.147 0
                                                                  0
   0
           0
              0
                  0
                      0
                          0.006 0
                                   0
                                      0
                                          0.006 0.006 0
                                                        0
                                                            0
                                                                0.006 0
0.006 0
        0.006 0
                  0.006 0
                           0
                                  0
                                      0
                                          0.006 0
                                                         0.006 0
                               0
                                                  0
                                                       0
0.006 0
            0
                0
                    0
                       0
                           0
                               0
                                   0.006 0
                                            0 0.006 0
                                                        0
                                                            0
                                                                    0.006
0.006 0
         0
            0
                0
                    0
                       0
                           0
                               0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                     0
                                                             0
                                                         0
0.006 0
         0.006 0.006 0
                       0.006 0
                                0.006 0
                                         0
                                             0
                                                0.006 0
                                                          0
                                                              0
                                                                 0
  0.006
 313 313:000087 38:0000103
                          + 0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                                      0
                                                              0
                                 0
                                                0
                      0
                         0
                             0
                                     0
                                        0
                                            0
                                                    0
                                                       0
                                                               0
0
   0
       0
           0
                  *0.043 0
                                           0
                            0
                               0
                                   0
                                       0
                                              0
                                                  0
                                                      0
                                                         0
              0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
0.043 0
                       0
                           0
                               0
                                   0
                                      0
                                                            0.043 0
         0
            0
                0
                    0
                                         0
                                              0
                                                 0
                                                     0
                                                        0
                                 0.043 0
       0
              0
                  0
                      0
                         0
                             0
                                         0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
0
       0
              0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
0
   0.043 0
                0
                       0
                           0
                               0
                                   0
                                      0
                                          0
                                              0
                                                     0
                                                             0
                                                0
                                                   0.043 0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                     0
                                        0
                                            0
                                                             0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                  0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0.043 0
0
   0
       0
              0
                      0
           0
                  0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                    0
                                                       0
                                                           0
                                                               0
   0
           0
              0
                  0
                         0
                                 0.043 0
                                              0
                                                     0
                                                        0.043 0.043 0
       0
                      0
                             0
                                         0
                                                 0
0.043 0
        0
           0.043 0
                         0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                           0
                      0
                             0
                                 0
                                    0
0.043 0
         0
            0
                0
                       0
                          0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                            0
                    0
                                                                0
                                                                    0
                      0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
   0.043 0
            0
                0
                    0.043 0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0.043 0
                                                                0
0.043 0
                0
                       0
                          0
                               0
                                   0
                                      0
                                         0
                                              0
                                                 0
                                                     0
                                                         0
0.043 0
         0
            0
                0
                    0
                       0.043\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
```

```
0.043 0 0 0 0.043 0.043 0
         0
            0
              0
                  0
                    0 0
                          0 0.043 0 0
                                       0
                                           0
 314 314:000088 215:000062 + 0
                           0
                              0.006 0
                                     0 0 0
                                             0 0
                                                    0.007 0 0
0.006 0.008 0 0 0 0 0
                       0
                           0.008 0.01 0
                                      0
                                         0 0.008 0 0.008 0.008
     0.008 0 0 0.008 0
                           0
                                 0
                                    0
                                       0.008 0
                                              0.008 0
                              0
     0.008 0 0.008 0 0
                           0
                              0
                                0
                                   0
                                       0.008 0
                                              0 0 0 0.008
      0
         0.007 0 0
                    0 0.007 0.007 0
                                   0
                                      0.007 0.008 0
0.800.0 800.0 800.0
               0 0 0.01 0.008 0.008 0 0.008 0
                                             0 800.0
0.008 0.008 0
           0
               0.008 0.008 0 0 0 0.008 0 0
                                              0
                                                    0.007 0.008
                        0.008 0 0.008 0 0 0 0.007 0
     0
                  0
                     0
                                                    0.007 0 0
        0
            0
               0
                                     0 0 0
0.007 0.008 0
            0
               0
                  0.008 0
                         0 0 0
                                 0
                                             0.008 0
      0
         0
            0
              0
                  0
                     0 0 0.008 0 0.008 0 0
                                            0.007 0 0 0.007 0
      0.008 0.008 0
                  0 0 0 0 0 0 0.008 0 0.008 0 0 0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0 0
0.008 0 0
         0.008 0 0.008 0 *0.011 0.008 0
                                     0 0 0 0 0 0.007 0
  0.008 0
          0.008 0.007 0 0 0 0 0
                                     0 0.007 0 0.007 0 0.008 0
  0.008 0.008 0.008 0 0 0 0.008 0
                                              0.008 0
                                     0.008 0 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                             0.006 0.008 0 0
                                     0 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                     0 0
                                              0
                                                 0
                                                    0.007 0 0
              0.007 0 0 0 0.008 0 0
                                      0 0
                                            0.008 0
0 0 0
        0 0
0 0 0 0 0
                  0.008 0 0.008 0 0 0 0.007 0
                                              0.008 0 0 0
0.008 0 0.008 0
                     0.008 0 0.008 0.008 0 0
                                           0.008 0 0.008 0.008 0
              0
                  0
0.008 0 0 0.008 0
                  0
                     0 0 0 0 0 0.008 0
                                           0
                                              0.006 0 0 0
0 0 0.008 0.007 0
                  0
                    0 0.007 0 0 0 0 0
                                           0
                                              0 0
                                                    0 0 0
         0.008 0.008 0.008 0
                         0
 315 315:000088 215:000062 + 0
                           0 0.006 0 0 0
                                             0 0
                                                   0.007 0 0
0.006 0.008 0 0 0 0 0 0
                          0.008 0.01 0
                                      0 0.008 0
                                                   0.008 0.008
0 0 0.008 0 0 0.008 0
                                0
                                   0
                                       0.008 0
                                              0.008 0
                                                     0 0
                           0
                              0
     0.008 0 0.008 0 0
                                 0
                                    0
                                       0.008 0
                           0
                              0
                                              0
0.008 0 0
         0.007 0 0 0 0.007 0.007 0
                                  0
                                      0.007 0.008 0
                                                  0
                                                     0.008 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0
                                      0.008 0
                                             0
                                                0.008 0
0.008 0.008 0
           0
               0.008 0.008 0 0 0 0.008 0 0
                                             0
                                                 0
                                                    0.007 0.008
                        0.008 0 0.008 0 0
                                            0.007 0
     0
            0
                     0
                                                    0.007 0
0.007 0.008 0
            0
               0
                  0.008 0
                         0 0
                               0
                                 0
                                     0 0 0 0.008 0
                                                     0 0
                        0 0.008 0 0.008 0 0 0.007 0
         0
            0
               0
                     0
                                                   0 0.007 0
     0.008 0.008 0
                     0
                       0 0 0 0 0 0.008 0 0.008 0
                  0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
          0.008 0
                 0.008 0 *0.011 0.008 0
                                     0
                                        0
                                           0 0
                                                 0 0.007 0
          0.008 0.007 0 0 0
                                        0.007 0 0.007 0 0.008 0
                           0
                               0
                                     0
   0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                               0.008 0
                                                       0.007 0
       0.008 0 0 0.007 0.008 0 0.008 0
                                     0
                                        0
                                           0
                                              0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                    0
                                        0
                                           0
                                              0 0
                                                    0.007 0 0
```

```
0.007 0 0 0 0.008 0 0 0
          0 0
                                                     0.008 0
0.008 0.008 0.007 0
                  0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                        0 0.008 0.007
              0
                 0
                     0.008 0
                             0.008 0
                                      0 0 0.007 0
                                                     0.008 0
0.008 0 0.008 0
                        0.008 0 0.008 0.008 0
                                                  0.008 0
                 0
                     0
                                              0
                                                           0.008 0.008 0
0.008 0 0
           0.008 0
                               0
                                  0
                                      0
                                          0.008 0
                     0
                        0
                            0
                                                   0
                                                      0.006 0
      0.008 0.007 0
                     0
                        0 0.007 0 0 0 0
                                              0
                                                   0
                                                      0 0
                                                            0 0 0
          0.008 0.008 0.008 0
                             0
                                 0
 316 316:000088 10:0000021
                         + 0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0 *0.056 0
                                              0.007 0 0 0.007 0
      0
         0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                      0.007 0
0.007 0 0
           0
               0.007 0
                        0
                            0
                               0
                                   0
                                              0.007 0
                                                        0
                                                           0
0.007 0 0.007 0
                               0
                 0
                     0
                        0
                            0
                                   0
                                      0
                                          0
                                             0
                                                 0 0
                                                        0.007 0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                       0
                                          0.007 0 0
                                                     0 0.007 0
   0.007 0.007 0
                 0.007 0
                         0
                             0.007 0
                                      0
                                          0.007 0 0
                                                      0
                                                         0
                                                             0.007 0
   0.007 0
           0 0
                  0
                      0
                         0
                              0.007 0
                                      0
                                             0 0
                                                    0
                                                        0 0
                                                               0.007 0
                                          0
                                              0
0.007 0 0
           0
               0 0 0.056 0
                               0 0.056 0
                                           0
                                                   0
                                                      0.007 0
                                                               0
         0 0.007 0 0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
           0.056 0 0 0.056 0
                                        0.007 0.007 0
0.007 0 0
                                 0
                                    0
                                                      0
                                                          0
                                                             0
                                            0.007 0 0
   0.007 0
           0.007 0.007 0
                          0
                             0
                                 0
                                     0
                                        0
                                                       0
                                                           0
0.007 0.007 0 0 0
                        0.007 0
                                 0
                                    0.007 0
                                             0.007 0
                     0
                                                      0
                                                          0
                                                             0
              0
                0
                     0.007 0
                             0.007 0
                                      0
                                          0
                                             0
                                                     0
                                                        0
                                                           0
                                                                   0 0
           0 0
                  0.007 0
                           0.007 0
                                               0
                                                   0.007 0 0
   0.007 0
                                    0
                                        0
                                            0
                                                              0.007 0
              0.007 0
                      0
                              0
                                     0
                                            0
                                               0
                                                   0
                                                      0 0
                          0
                                        0
0
   0
       0
          0
              0.007 0
                      0
                          0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0.056 0
                                                               0
                                                                  0 0
          0.056 0
                              0
                                            0
                                                          0.007 0.007
   0
                   0
                      0
                          0
                                 0
                                     0
                                        0
                                               0
                                                   0
0.056 0 0
               0.007 0
                        0 0.007 0
           0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0 0
      0.007 0
               0
                      0
                          0
                              0.007 0
                                      0
                                          0
                                             0.007 0
                                                      0.007 0
0.007 0
       0.007 0.007 0
                      0
                          0.007 0
                                  0
                                      0.007 0
                                               0.007 0
                                                       0
                                                           0
          0 0.007 0
                                     0
                                           0
                                               0
                                                   0.007 0.056 0
                      0
                          0
                              0
                                 0
                                        0
0.056 0 0
           0 0 0
                      0
                          0
                              0
                                0
                                     0
                                       0 0
                                              0
                                                   0
                                                     0.007 0.007 0.007 0
  0
 317 317:000089 38:0000103
                         + 0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                                   0
0
       0
              0
                     0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
          0
                 0
                 *0.043 0
                          0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                   0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
              0
                 0
                     0
                        0
                            0
                               0
                                      0
                                                            0
0.043 0
            0
               0
                   0
                      0
                          0
                              0
                                 0
                                     0
                                       0
                                            0
                                               0
                                                   0
                                                      0
                                                          0.043 0
   0
              0
                 0
                     0
                        0
                            0
                               0.043 0
                                       0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
                      0
                         0
                              0
                                     0
                                       0
                                            0
                                              0
                                                   0
                                                     0
0
   0.043 0
            0
               0
                   0
                                 0
                                                          0
                                                             0
0
                                                 0.043 0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0
                                                          0
0
       0
                     0
   0
          0
              0
                 0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0.043 0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                   0
                               0
                                   0
                                       0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0.043 0
                                        0
                                            0
                                               0
                                                   0
                                                      0.043 0.043 0
```

0.043 0 0

0.043 0

0 0

0 0

0 0

0 0 0 0

```
0.043 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
           0
             0 0
                   0
                      0
                         0 0
                               0
                                  0
                                     0
                                        0
                                          0
                                              0
            0 0.043 0 0 0 0 0 0 0 0 0.043 0
         0 0 0 0 0 0 0 0 0 0 0 0
0.043 0 0
            0 0 0.043 0 0 0 0 0 0
                                          0
                                                0
0.043 0
                                              0
           0 0 0.043 0 0 0 0.043 0.043 0
                                         0
                                           0
                                               0
           0
             0 0 0 0 0 0.043 0 0 0
                                               0
 318 318:000089 318:000089
                      0.006 0 0 0 0 0
                                            0
                                               0
                                                 0 0 0
     0 0 0 0 0 0
                         0
                            0
                               0
                                  0
                                    0.006 0 0
                                               0.006 0
                               0.006 0.006 0.006 0
                                               0 0.006 0
0.006 0 0 0 0.006 0 0 0 0
  0.006 0 0.006 0.006 0 0 0
                             0
                                0
                                   0 0
                                         0 0
                                                  0.006 0
0.006\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0
                                0 0 0 0.006 0 0 0.006
     0 0 0.006 0.006 0 0.006 0 0
                                0.006 0 0 0.006 0 0 0
0.006\ 0 \quad 0 \quad 0.006\ 0.006\ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.006\ 0 \quad 0 \quad 0 \quad 0.006\ 0
     0.006 0 0.006 0 0 0 0 0 0 0 0
                                           0
                                              0
                                                 0 0
        0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0
0
                                           0.006 0.006 0
        0.006 0.006 0
                   0 0 0 0 0 0 0
           0.006 0 0.006 0.006 0 0.006 0 0.006 0
                                           0
                                               0.006 0
                   0 0.006 0.006 0
        0.006 0.006 0
                                     0 0.006 0
                                               0.006 0
0.006 0 0.006 0
             0
                0
                   0 0 0 0.006 0.006 0.006 0
                                           0
                                               0
                                                  0 0
           0
             0
                 0.006 0 0 0.006 0 0.006 0
                                               0
0.006 0 0 0.006 0
                 0 0 0 0 0.006 0 0.006 0 0 0.006 0
           0
                       0
                         0 0.006 0
                                      0 0 0
                                              0
              0
                 0
                    0
                                                 0.006 0
              0.006 0 0 0 0 0 0 0
                                                     0.006 0
     0
           0
                                         0 0 0 0
        0.006 0.006 0 0 *0.508 0 0.006 0 0.006 0.006 0 0
        0 0 0 0 0 0 0.006 0 0 0 0 0.006 0
0.006 0.006 0.006 0 0 0 0.006 0 0.006 0 0 0.006 0 0
0.006 \; 0 \quad 0.006 \; 0 \quad 0 \quad 0 \quad 0
  0.006 0
        0 0.006 0.006 0 0 0 0 0 0 0 0 0.006 0
     0.006 0.006 0.006 0
                    0
                        0
 319 319:000090 319:000090
                      0 0 0 0 0 0 0 0 0 0
        0 0 0 0 0
                         0 0
                              0
                                 0.011 0 0 0.011 0 0
        0.011 0 0 0 0 0 0.011 0
                                  0.011 0 0 0 0 0 0
     0
             0 0 0 0
                         0 0
0.011 0 0.011 0
                               0
                                  0 0 0 0 0.011 0
       0 0
             0 0
                   0
                       0 0 0
                              0
                                  0.011 0 0 0 0.011 0 0 0
                        0.011 0 0
                                 0.011 0 0 0 0 0.011 0
  0.011 0.011 0
              0.011 0
                    0
  0.011 0 0 0
                        0.011 0 0 0 0 0 0 0
                                                   0.011 0
               0
                  0
                     0
0.011 0 0
                  0
                        0
                           0 0 0 0 0 0.011 0 0
         0
            0
               0
                     0
  0 0 0.011 0
                  0
                     0
                        0
                              0
                                0 0 0
                                         0
               0
                           0
                                           0 0
                                                 0
                                                     0
0.011 0 0 0
            0
                  0
                     0
                        0
                           0
                              0.011 0.011 0
                                         0
                                            0
0.011 0 0.011 0.011 0
                  0
                     0
                        0
                           0
                              0
                                0.011 0
                                          0
                                                0
                                                      0.011
                                      0
                                            0
                                                  0
0.011 0 0 0 0 0.011 0 0
                         0.011 0
                                0.011 0
                                        0
                                          0
                                                0
0 0 0 0 0.011 0 0.011 0 0 0 0 0
                                        0
                                           0
                                              0
                                                 0
                                                    0
                                                      0
```

```
0.011 0 0 0 0.011 0 0.011 0 0
                                                             0 0
                                                                        0
                                                                              0.011 0 0 0.011 0
                 0.011 0
                              0 0 0 0 0 0 0
                                                                              0
                                                                                     0
                                                                                         0
                                                                                               0
                 0.011 0 0 0 0
                                                 0
                                                       0
                                                             0
                                                                 0
                                                                       0
                                                                                     0
                                                                                                0
                       0 0 0 0 0 0 0 0 0 0 0 0.011 0.011 0 0
                 0
*0.323 0.011 0
                       0 0.011 0 0 0 0 0 0 0 0
                                                                                          0
0.011 \ 0 \quad 0 \quad 0 \quad 0 \quad 0.011 \ 0 \quad 0 \quad 0.011 \ 0 \quad 0.011 \ 0 \quad 0 \quad 0.011 \ 0
0.011 \ 0 \quad 0.011 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0
                 0 0 0 0 0 0 0 0 0 0.011 0.011 0.011 0 0
  320 320:000090 215:000062 + 0
                                                    0
                                                          0.006 0 0 0 0
                                                                                         0 0 0.007 0
0.006 0.008 0 0 0 0 0 0
                                                    0.008 0.01 0 0 0 0.008 0
                                                                                                    0.008 0.008
0 0 0.008 0 0 0 0.008 0
                                                    0
                                                          0 0 0
                                                                           0.008 0
                                                                                          0.008 0 0 0 0
0 0 0.008 0 0.008 0 0
                                                    0
                                                          0
                                                                0 0
                                                                           0.008 0
                                                                                         0 0 0 0.008
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0
                                                                           0.007 0.008 0 0 0.008 0
0.008 0.008 0.008 0 0 0 0.01 0.008 0.008 0 0.008 0
                                                                                         0 0.008 0 0
0.008 0.008 0
                       0
                            0.008 0.008 0 0 0 0.008 0 0
                                                                                          0 0
                                                                                                      0.007 0.008
                                   0 0 0.008 0 0.008 0 0 0 0.007 0
0 0
           0 0
                       0
                             0
                                                                                                      0.007 0
0.007 0.008 0
                       0
                            0
                                   0.008 0 0 0 0 0 0 0 0 0 0 0 0
                                   0 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
           0 0
                       0
                            0
                                   0 0 0 0 0 0 0 0.008 0 0.008 0
           0.008 0.008 0
           0.01 0.008 0
                                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0 0
0.008 0 0 0.008 0 0.008 0 *0.011 0.008 0
                                                                        0 0 0 0 0 0.007 0
     0.008 0
                    0.008 0.007 0 0 0 0 0
                                                                        0
                                                                              0.007 0 0.007 0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                                                        0.008 0 0
                                                                                           0.008 0 0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                                                        0 0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                                                                    0
                                                                        0 0
                                                                                          0 0
                                                                                                      0.007 0 0
0 0 0 0 0 0.007 0 0 0.008 0 0 0 0.008 0
0.008 0.008 0.007 0 0.006 0.011 0.008 0.006 0 0.008 0.008 0 0 0.008 0.007
0 0 0 0 0
                                 0.008 0 0.008 0 0 0 0.007 0
                                                                                        0.008 0 0 0
0.008 0 0.008 0 0
                                        0.008 0 0.008 0.008 0
                                                                                   0.008 0 0.008 0.008 0
                                   0
0.008 0 0 0.008 0
                                   0 0 0 0 0 0.008 0
                                                                                    0
                                                                                          0.006 0 0 0 0
0 0 0.008 0.007 0 0 0 0.007 0 0 0 0
                                                                                    0
                                                                                          0
                                                                                                      0
                                                                                                0
                                                                                                           0
                 0.008 0.008 0.008 0 0
  321 321:000090 13:0000031 + 0.006 0 0 0 0 0
                                                                                        0
                                                                                               0
*0.127 0 0 0 0 0 0 0 0 0 0 0 0 0.006 0
                                                                                                     0.006 0 0
0.006 0 0
                  0 0.006 0 0 0 0 0 0.006 0.006 0.006 0
                                                                                                0
                                                                                                     0 0.006 0
0 0.006 0
                  0.006 0.006 0 0 0 0
                                                                  0
                                                                        0
                                                                             0
                                                                                                      0.006 0
                                                           0
                                                                                    0 0 0
0.006 0
                    0 0 0 0 0 0 0
                                                                  0 0
                                                                                     0.006 0 0
                                                                                                         0.006
                                                                             0
           0 0 0.006 0.006 0 0.006 0
                                                             0
                                                                 0.006 0 0 0.006 0
                                                                                                    0 0 0
0.006 0 0
                  0.006 0.006 0 0 0 0
                                                             0 0
                                                                        0.006 0 0 0 0 0.006 0
           0.006 0 0.006 0 0 0 0 0 0
                                                                          0 0
                                                                                       0
0
      0
                        \  \, 0 \  \, 0 \  \, 0 \  \, 0.006\,\, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \ \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \ \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \ \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \  \, 0 \
                 0.006 0.006 0 0 0
                                                   0 0 0 0 0 0 0.006 0.006 0 0
0
     0
           0
                 0 0.006 0 0.006 0.006 0 0.006 0 0 0.006 0 0
```

```
0.006 0.006 0 0 0
                        0.006 0.006 0 0 0.006 0
                                             0.006 0
0.006 0 0.006 0
             0
                0 0 0 0 0.006 0.006 0.006 0
                                                0
           0
             0
                0.006 0 0 0.006 0 0.006 0 0
0.006 0 0 0.006 0
                0 0 0 0 0.006 0 0.006 0 0 0.006 0
                        0 0
                              0.006 0
                                    0.127 0 0 0 0.006 0
        0
           0
             0
                0
                   0
                      0
           0 0 0.006 0 0 0 0 0
                                     0 0 0 0 0
0.006 0 0 0 0.006 0.006 0 0 0
                                  0.006 0.127 0.006 0.006 0
       0 0 0 0 0
                      0 0 0 0.006 0 0 0 0
  0.006 0.006 0.006 0 0 0 0.006 0 0.006 0 0 0.006 0
0.006 0 0.006 0 0 0 0 0 0 0 0 0 0.006 0
                                             0
                                                0.127 0
 0 0 0 0.006 0 0 0.006 0.006 0 0 0 0
0.006 0 0 0 0 0.006 0.006 0.006 0
                                   0
 322 322:000090 65:0000165 + 0.023 0 0.006 0
                                   0 0 0 0 0 0
0.022 0.006 0
          0 0 0 0 0 0 0 0 0 0.013 0 0 0
     0 0
           0 \quad 0 \quad 0.012 \ 0 \quad 0 \quad 0 \quad 0 \quad 0.023 \ 0 \quad 0.013 \ 0 \quad 0 \quad 0.023 \ 0
           0.023 0 0 0 0.022 0
                             0 0 0 0 0 *0.035 0
0 0
             0 0 0 0
                        0 0
                             0
                                 0
                                   0 0
                                        0
0.023 0 0.012 0
             0.012 0.022 0
                        0
                                   0 0 0.023 0
                          0
                              0
                                0
        0
           0
             0
                0
                   0
                      0
                        0
                           0
                             0
                                 0.013 0 0 0 0
                        0 0
                              0
                                 0
                                   0.022 0 0 0.012 0
        0
           0
             0
                0
                   0
                      0
0.023 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
        0 0 0.023 0
                    0.023 0 0 0 0 0 0 0 0 0
     0
     0.023 0 0
                         0 0 0 0.023 0.032 0.023 0
              0
                 0
                       0
                    0.013 0 0 0 0 0 0 0 0
     0 0.023 0
                 0
               0
0.021 0 0 0 0
              0
                 0
                    0
                      0
                         0 0
                              0 0
                                    0 0 0 0
0.021 0.023 0 0 0.023 0
                    0 0
                         0 0 0.006 0 0
                                         0 0
                                              0
  0 0.006 0 0 0 0.023 0 0.021 0
                              0
                                  0 0
                                       0
                                         0.023 0
        0 0 0 0 0 0.023 0 0 0
                                         0
                                            0
                                              0
0 0.021 0
                                   0
                                      0
                                                 0.006 0
  0.006 0.023 0 0 0 0 0 0 0
                                 0
                                   0
                                      0
                                         0
0.021 0 0 0 0 0 0 0 0.023 0 0 0
                                         0
                                            0
                                              0
                                                       0
       0 0 0 0 0 0 0.013 0 0 0 0
                                          0
                                             0
0.006 0 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0
  0.023 0
        0 0
              0.021 0 0 0 0 0 0
 323 323:000091 215:000062
                   + 0
                        0 0.006 0 0 0 0 0 0 0.007 0
0.006 0.008 0 0 0 0 0 0
                        0.008 0.01 0 0 0 0.008 0 0.008 0.008
0 0 0.008 0 0 0 0.008 0
                        0
                           0
                              0 0
                                   0.008 0
                                          0.008 0 0
     0.008 0
            0.008 0 0 0
                        0
                           0
                              0
                                   0.008 0
                                0
                                          0 0
        0.007 0 0 0 0.007 0.007 0 0
                                   0.007 0.008 0
                                              0
0.008 0.008 0.008 0 0 0 0.01 0.008 0.008 0
                                   0.008 0
                                         0 0.008 0
0.008 0.008 0
             0.008 0.008 0 0 0 0.008 0
           0
                                    0 0
                                          0
  0
     0 0
           0
             0
                0
                   0 0.008 0 0.008 0 0 0 0.007 0
                                                0.007 0 0
0.007 0.008 0
           0
             0
                0.008 0
                       0
                         0 0
                              0
                                  0
                                    0 0
                                          0.008 0
0 0 0 0
           0
             0
                0 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
```

```
0.008 0.008 0 0 0 0 0 0 0 0.008 0 0.008 0 0
0 0 0.01 0.008 0
               0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0 0
0.008 0 0 0.008 0 0.008 0 *0.011 0.008 0
                                  0 0 0 0 0 0.007 0
  0.008 0 0.008 0.007 0 0 0 0 0
                                     0.007 0 0.007 0
                                  0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                  0.008 0
                                           0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                  0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                  0 0
                                        0
                                           0
                                                0.007 0 0
0 0 0 0 0 0.007 0 0 0.008 0 0 0 0 0.008 0
0 0.008 0.007
0 0 0 0 0
                0.008 0 0.008 0 0 0 0.007 0
                                          0.008 0 0 0
0.008 0 0.008 0 0
                0
                   0.008 0 0.008 0.008 0 0
                                        0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                0
                   0 0 0 0 0 0.008 0
                                        0
                                          0.006 0 0 0 0
                                          0 0
  0 0.008 0.007 0
                   0 0.007 0 0 0 0 0
                                        0
                0
                                                0 0
 0 0 0.008 0.008 0.008 0
                       0
 324 324:000091 14:0000032 + 0
                              0
                                 0 0
                                       0 0 0 0
                         0
                           0
  *0.037 0 0
            0
               0
                 0
                    0
                        0.037 0
                               0
                                 0
                                    0 0.008 0 0
                                                 0.008 0
        0 0 0.008 0 0
0 800.0
                         0
                           0
                              0
                                 0.008 0 0.008 0 0 0 0 0
                              0
  0.008 0 0.008 0
                0
                   0
                      0
                         0
                           0
                                 0
                                    0 0
                                         0 0 0.008 0 0
                              0
                                    0.008 0 0.037 0.037 0.008 0
     0 0 0 0
                0
                   0
                      0
                         0
                           0
                                 0
        0.008 0.008 0
                   0.008 0 0 0.008 0
                                    0 0.008 0.037 0 0 0.037
        0 800.0
                   0
                      0
                        0
                           0
                              0
                                 0.008 0 0 0 0
0.008 0 0
                                                0 0 0
  0.008 0
        0.008 0
                   0
                      0
                         0
                           0
                              0
                                 0
                                    0 0 0 0 0 0.008 0
                0
0
     0 0 0 0
                0
                   0.008 0 0 0 0 0 0 0 0 0 0
        0.008 0
                   0
                        0 0 0 0 0 0.008 0.008 0
  0.037 0
                0
                      0
     0 0.008 0 0.008 0.008 0 0 0 0 0 0.008 0 0 0
0
  0.008 0.008 0 0 0
                   0 0.008 0 0
                               0.008 0 0.008 0 0 0 0
                   0.008 0 0.008 0 0 0
        0
           0 0 0
                                         0 0 0 0 0 0
     0.008 0 0 0.008 0 0.008 0
                               0 0 0 0 0.008 0 0 0.008
        0 0 0.008 0 0 0 0.037 0 0.037 0 0 0 0
0
  0.037 0 0 0 0 0.008 0
                        0
                           0 0
                                 0
                                    0 0 0 0 0 0 0
     0 0 0 0 0 0
                         0
                           0
                              0
                                 0
                                   0
                                       0.037 0 0 0 0.008
0.008 0
        0 0 0.008 0 0 0.008 0.037 0
                                    0
                                      0.037 0
       0 0.008 0 0 0 0 0.008 0 0 0 0.008 0
                                                0.008 0 0
        0.008 0.008 0
                   0 0.008 0 0 0.008 0 0.008 0 0
                                                 0.037 0
                0.008 0 0 0 0 0 0 0 0 0 0.008 0 0
           0
             0
           0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008
  0
     0
  0
     0
 325 325:000091 34:0000095 + 0
                         0
                           0
                              0 0
                                   0 0.008 0.006 0.008 0
            0.008 0 0 0 0.007 0.006 0
                                  0
                                     0.004 0 0.006 0 0.008
0.006 0 0 0
  0 0.007 0
               0.008 *0.013 0 0 0 0 0.006 0.006 0 0 0
            0
        0.006 0
                  0 0 0
                         0.004 0.006 0.008 0 0.008 0.006 0 0.008
  0.006 0
        0 0
               0
                  0.008 0 0.006 0
                               0
                                  0 0 0.013 0 0 0 0.008
0.006 0 0
         0
            0
                  0
                    0
                       0
                          0
                             0
                                0
                                  0.008 0
                                         0.01 0.008 0
```

0 0 0.008 0 0

0 0

0

0 0

0.006 0 0 0.006 0 0

```
0.004 0
                  0.008 0.006 0.006 0 0 0 0.004 0.006 0 0
0.006 0
        0
            0
                0.008 0
            0.004 0
                     0
                         0.007 0
                                 0.008 0 0.01 0.007 0
                                                        0
       0.006 0.008 0
                     0.006 0.007 0.006 0 0
                                             0 0.006 0
                                                         0.004 0
                                                                   0.007 0
                0.008 0
                                              0.006 0
   0.004 0
                         0.006 0
                                  0.008 0
                                          0
                                                       0
                                                            0.008 0.008
                                    0 0 0.006 0 0.006 0 0
0.006 0 0
            0
                0
                   0.006 0 0 0
0.008 0.006 0.008 0
                   0
                       0
                          0
                              0
                                 0
                                      0
                                         0.006 0
                                                  0
                                                      0
                                                         0.008 0.006 0.008
   0.013 0
            0.008 0
                                0
                                        0
                                           0
                                                   0.008 0
                                                                   0.006 0
                     0
                         0
                             0
                                    0
                                               0
                                                            0
   0.006 0
            0.006 0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                       0.008 0
0.006 0
                                                0.004 0
                                                         0
                                                             0
                                                                0.01 0
           0.008 0.006 0
                          0.006 0.006 0
                                         0.006 0
                                                  0
                                                      0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0
                                       0
                                          0
                                               0
                                                  0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                     0
0.008 0
                0.008 0.004 0
            0
                              0
                                  0
                                      0.004 0
                                               0.008 0
                                                        0.008 0
                                                                 0.008 0
0.006 0
         0.007 0.006 0.008 0 0 0
                                    0.008 0 0
                                                0
                                                    0.008 0
                                                                 0
0.006 0
            0.004 0
                     0.006 0.008 0
                                               0.008 0.004 0.006 0.006 0
                                    0
                                        0
                                          0
   0
       0.006 0
                0
                   0 0
                          0.006 0
                                        0.006 0
                                                        0.008 0
                                    0
                                                 0
                                                    0
                                                                 0.004
0.004 0.006 0.004 0
                   0.008 0
                                    0.008 0
                                                 0
                                                    0
                                                        0
                                                            0.006 0
                            0
                                0
                                             0
                                                                     0.008
 326 326:000092 38:0000103
                           + 0
                                 0
                                    0
                                               0
                                                       0
                                                          0
                                                              0
                                                                  0
                                                                     0
                                        0
                                            0
                                                   0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                           0
                                                              0
       0
           0
              0
                  *0.043 0
                           0
                                   0
                                      0
                                          0
                                              0
                                                             0
                               0
                                                  0
                                                     0
                                                         0
                                    0
                                        0
                                               0
                                                       0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                            0
                                                   0
                                                           0
                                                              0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0.043 0
            0
                0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0.043 0
                                         0
                                             0
                                                     0
                                                            0
                                                                   0
0
                                                 0
                                                        0
                                 0
       0
                      0
                         0
                             0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                       0
                               0
                                      0
0
   0.043 0
            0
                0
                    0
                          0
                                  0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
0
   0
       0
           0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0.043 0
                                                            0
              0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0
                                                                     0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0.043 0
0
   0
       0
          0
              0
                  0
                      0
                         0
                             0
                                            0
                                               0
                                                       0
                                                           0
                                 0
                                    0
                                        0
                                                   0
                                                              0
                                                                  0
   0
                         0
                                                        0.043 0.043 0
           0
              0
                  0
                      0
                             0
                                 0.043 0
                                         0
                                             0
                                                 0
                                                     0
0.043 0 0
           0.043 0
                     0
                         0
                             0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                     0
0.043 0
                0
                    0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
              0
                 0
                     0
                        0
                             0
                                 0
                                        0
                                                       0
                                    0
                                            0
                                               0
                                                   0
                                                          0
   0.043 0
                    0.043 0
                0
                             0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                       0.043 0
0.043 0
                       0
                               0
                                      0
                                             0
                                                     0
        0
            0
                0
                    0
                          0
                                  0
                                          0
                                                 0
                                                        0
                                                            0
0.043 0
                0
                    0 0.043 0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                       0
                                                          0
                                                              0
                  0
                     0.043 0
                               0
                                  0
                                      0.043 0.043 0
                                                        0
                                                            0
                                                                0
       0
          0
              0
                                                    0
0
                  0
                      0
                         0
                             0
                                 0
                                    0.043 0 0
                                                0
                                                     0
                                                        0
                                                            0
 327 327:000092 14:0000032
                                                      0
                                                          0
                                                             0
                          + 0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                                  0
   *0.037 0
                0
                    0
                        0
                            0
                               0.037 0
                                        0
                                            0
                                                   0.008 0
                                                                0.008 0
   0.008 0
                0
                    0.008 0
                             0
                                 0
                                    0
                                        0
                                            0.008 0
                                                    0.008 0
                                                              0
0
            0
                                                                 0
                                                                     0 0
   0.008 0
            0.008 0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                   0
                                                      0
                                                          0
                                                              0.008 0
0
       0
          0
              0
                 0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0.008 0 0.037 0.037 0.008 0
```

```
0 800.0 800.0
                   0.008 0 0 0.008 0 0 0.008 0.037 0 0 0.037
0.008 0
      0 0.008 0
                    0
                       0
                         0 0
                               0 0.008 0 0
                                            0 0
   0.008 0
          0.008 0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                     0 0 0 0
                    0.008 0 0 0 0 0 0 0 0
0
     0 0
           0 0
                 0
                                                  0
         0.008 0
                    0
                         0 0 0 0 0 0.008 0.008 0
   0.037 0
                 0
                       0
        0.008 0 0.008 0.008 0 0 0 0 0 0.008 0 0
0
   0.008 0.008 0
                    0 0.008 0 0
             0 0
                                0.008 0 0.008 0 0
        0
                 0
                    0.008 0 0.008 0 0
                                        0
                                           0 0 0 0
             0
     0.008 0 0 0.008 0 0.008 0
                                0
                                    0 0 0.008 0 0
0
        0 0
             0.008 0 0 0 0.037 0 0.037 0 0 0
                                                  0
         0 0 0 0.008 0
                         0
                             0
                               0
                                   0
                                      0
                                        0 0 0 0 0
       0 0 0 0 0
                          0
                             0
                               0
                                   0
                                      0
                                         0.037 0 0 0 0.008
0.008 0
         0 0 0.008 0 0
                          0.008 0.037 0
                                     0
                                        0.037 0
        0 0.008 0 0 0 0 0.008 0 0
                                        0 800.0
                                                   0.008 0 0
         0.008 0.008 0
                    0 0.008 0 0 0.008 0 0.008 0 0
                 0.800.0 0 0 0 0 0 0 0 0.008 0
           0
              0
        0
           0
              0
                 0 0 0 0 0 0 0 0 0 0 0.008 0.008
     0
0
  0
     0
 328 328:000093 70:0000179
                     + 0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                           0
                                               0
                                                 0
       0 0
              0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0.007 0 0 0.007 0
0.007 0 0 0 0.007 0
                    0
                       0
                          0
                            0
                                0.007 0
                                      0.007 0
                                             0
                                                 0
0.007 0 0.007 0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                     0
                                        0
                                           0
                                              0.007 0
*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 0
                                                      0.007
        0 0.007 0.007 0
                       0.007 0
                              0
                                0.007 0 0
                                           0.007 0
0.007 0 0 0 0.007 0
                   0
                       0
                         0 0
                               0.038 0.007 0 0 0 0
   0.007 0
         0.007 0 0
                    0
                       0.038 0
                              0
                                 0
                                    0
                                       0
                                          0
                                            0
                                               0
     0
           0 0
                 0
                    0.007 0
                           0
                              0
                                 0
                                    0
                                       0
                                          0
                                             0 0
                                                      0
        0.007 0 0 0
                              0
                                    0
                                       0.007 0.007 0
     0
                     0 0
                           0
                                 0
0
        0.007 0 0.007 0.007 0
                           0
                              0
                                 0
                                    0
                                       0
                                          0.007 0
     0
                                                 0
                                                       0
  0.007 0.007 0.038 0
                        0.007 0 0 0.007 0
                                          0.007 0
                  0
                     0
           0.038 0 0 0.007 0 0.007 0.038 0 0 0
        0
                                                 0
      0.038 0
                     0
                          0.007 0 0.007 0 0
              0.007 0
                        0
                                            0
                                               0
                                                   0
  0.007 0
          0.038 0
                 0
                    0 0.007 0 0 0.038 0 0 0 0
0
           0
                       0.007 0 0 0 0 0 0 0
     0
        0
              0
                 0
                    0
                         0 0 0
                                   0
                                     0
                                           0
                                              0
                                                 0
     0
        0
           0
              0
                 0
                    0
                       0
                                         0
                    0.007 0 0 0.007 0
0.007 0.007 0
           0
              0
                                     0 0 0 0.038 0
                 0
0
  0
           0
              0.007 0
                    0 0
                          0.038 0 0.007 0 0
                                            0
                                               0.007 0
     0
        0
        0.007 0
               0.007 0.007 0
                          0 0.007 0 0 0.007 0
                                                0.007 0
                    0.007 0 0 0 0 0 0 0 0 0.007 0 0
     0
        0
           0
              0
                 0
                    0
                                                 0.007 0.007
   0
     0
        0
              0
                 0
                       0
                         0 0
                               0 0
                                     0 0 0 0
           0
0.007 0 0 0
 329 329:000093 34:0000095 + 0
                          0
                             0
                                0
                                   0
                                     0
                                         0.008 0.006 0.008 0
             0.008 0 0 0
                          0.007 0.006 0
                                     0
                                        0.004 0 0.006 0 0.008
0 0 0.007 0
            0 0.008 *0.013 0 0 0 0 0.006 0.006 0 0 0
```

```
0.006 0
                 0
                     0 0 0 0.004 0.006 0.008 0
                                                 0.008 0.006 0
   0.006 0
           0
             0
                  0
                     0.008 0
                             0.006 0
                                      0
                                         0
                                            0 0.013 0 0
                                                              0.008
0.006 0 0
              0
                  0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                         0.008 0
                                                  0.01 0.008 0
                                      0.006 0 0
      0
         0.008 0
                  0
                     0
                        0
                            0
                               0
                                  0
                                                  0.006 0
                                                          0
                                                             0
                0.008 0.006 0.006 0
                                      0
        0.004 0
                                  0
                                         0.004 0.006 0
                                                     0 0.006 0
           0 0.008 0.008 0 0.006 0.006 0.008 0.007 0.006 0.006 0.008
0.006 0 0
   0.008 0
           0.004 0
                   0
                      0.007 0 0.008 0 0.01 0.007 0
                                                   0 0
      0.006 0.008 0
                   0.006 0.007 0.006 0 0 0 0.006 0
                                                    0.004 0
                                                            0.007 0
   0.004 0
              0.008 0 0.006 0
                              0.008 0 0 0.006 0 0 0.008 0.008
0.006 0
       0
           0
              0
                 0.006 0 0 0
                                 0 0 0.006 0 0.006 0
                                                       0
0.008 0.006 0.008 0
                     0
                       0
                            0
                              0 0.006 0
                                                 0
                                                    0.008 0.006 0.008
   0.013 0
           0.008 0
                   0 0 0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0.008 0 0
                                                          0
                                                             0.006 0
   0.006 0
           0.006 0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0 0.004 0
                                                    0
                                                      0
                                                          0.01 0
0.007 0 0
          0.008 0.006 0 0.006 0.006 0 0.006 0
                                                0.008 0.006 0
                                             0
0.006 0.006 0 0 0.006 0.006 0 0 0
                                      0
                                           0
                                              0
                                                 0
                                                     0
                                                       0
                                                               0
0.008 0
        0 0 0.008 0.004 0 0 0 0.004 0
                                           0.008 0
                                                   0.008 0
                                                           0.008 0
0.006 0 0.007 0.006 0.008 0 0
                            0
                                0.008 0 0
                                            0
                                               0.008 0
                                                        0
                   0.006 0.008 0
                                           0.008 0.004 0.006 0.006 0
0.006 0 0
           0.004 0
                                    0 0
   0 0.006 0 0 0 0.006 0
                                 0
                                    0.006 0
                                            0
                                                0
                                                   0.008 0
                                                           0.004
0.004 0.006 0.004 0
                 0.008 0 0
                             0
                                 0.008 0
                                                   0
                                                      0.006 0
                                        0
                                            0
                                                0
 330 330:000094 168:000049 + 0
                              0
                                 0
                                    0.017 0
                                            0
                                                0.004 0.006 0.004 0
0.006 0 0 0 0.004 0 0 0
                             0
                                 0.006 0 0
                                            0.013 0 0.006 0 0.004 0
             0.004 0 0.012 0
                                    0 0.006 0.006 0 0
                             0
                                 0
              0 0 0 0.013 0.006 0.004 0 0.004 0.006 0
   0.006 0
          0
                                                        0.004 0
              0 0.004 0 0.006 0 0 0
          0
                                            0
                                                0
                                                  0 0
                                                          0.004 0.006
   0 0 0
             0 0 0 0
                          0
                             0 0 0.004 0
                                            0
                                                0.004 0
                                                        0
                                                            0
              0 0 0 0 0 0.006 0 0 0.006 0
   0.004 0
                                                  0 0.012 0.006 0
0.004\ 0\quad 0.004\ 0.006\ 0.006\ 0\quad 0\quad 0\quad 0.013\ 0.006\ 0\quad 0\quad 0.006\ 0\quad 0
                                                             0.006 0
  0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
0.017 0.013 0 0 0 0.012 0.004 0 0 0
                                           0 0 0 0 0 *0.046 0
0.006 0.004 0 0.006 0
                     0.006 0
                             0
                                0
                                    0.006 0
                                           0.004 0.017 0
0.013 0 0 0.004 0 0.006 0 0.004 0
                                    0 0.006 0 0 0.004 0.004 0.006 0
         0.006 0 0 0.012 0 0 0.006 0
                                         0.006 0 0 0
      0
                                                        0
0.006 0.004 0 0 0.017 0
                              0 0.006 0 0 0
                                                 0.004 0.006 0.004 0
                       0 0
      0.004 0 0 0 0
                            0 0 0 0 0.004 0
                                                  0 0 0.006 0 0
                       0
0.006 0 0.006 0
                0 0 0 0 0
                                    0 0 0 0.004 0
                                                      0
                                                          0
0.004 0.004 0 0.006 0 0
                       0.006 0
                                0.006 0
                                         0.013 0.012 0.012 0
      0.004 0.006 0 0.006 0.006 0
                                 0.006 0 0
                                            0.004 0.006 0
                                                         0.006 0.006
          0.006 0.006 0
                        0
                            0
                              0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                      0
      0.004 0.013 0
                   0
                       0.012 0.013 0 0.004 0
                                            0.004 0
                                                    0.004 0
                                                             0.006 0
0
   0.006 0.004 0
                   0
                       0.004 0
                                  0 0.004 0 0 0
                                                          0.006 0
                0
                              0
                                                     0
                                                        0
   0.013 0
          0.006 0.004 0 0 0
                               0
                                  0.004 0.013 0.006 0.006 0 0
```

```
0.006 0
         0 0
                 0 0.006 0 0
                                   0.006 0
                                            0
                                                 0
                                                     0.004 0
                                                               0.013 0.013 0.006
0.013 0
         0.004 0
                   0
                       0
                           0.004 0
                                     0.012 0
                                               0
                                                   0
                                                       0.006 0
                                                                 0.004
 331 331:000094 38:0000103
                                                   0
                             + 0
                                   0
                                       0
                                           0
                                               0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
                                       0
                                           0
                                                0
                                                   0
                                                        0
                                                           0
                                                                0
                                                                   0
                0
                   0
                       0
                           0
                                0
                                   0
                                                                        0
                   *0.043 0
0
    0
        0
            0
                0
                              0
                                  0
                                      0
                                          0
                                              0
                                                      0
                                                              0
                                                                  0
                                                  0
                                                          0
                0
                   0
                       0
                           0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                       0
                                                           0
                                                                0
                                                                   0
0.043 0
         0
                 0
                         0
                             0
                                 0
                                     0
                                         0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0.043 0
             0
                    0
        0
                0
                   0
                       0
                           0
                                0
                                   0.043 0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
0
        0
                0
                   0
                        0
                           0
                                0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
0
   0.043 0
                 0
                     0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
             0
                                                                     0
0
                                                       0.043 0
   0
       0
            0
                0
                   0
                       0
                           0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                                 0
0
    0
       0
            0
                0
                   0
                       0
                            0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                        0
                                                           0
                                                               0
                                                                   0
                                                                       0
0
   0
       0
           0
                0
                   0
                       0
                           0
                                0
                                       0
                                           0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0.043 0
                                   0
0
   0
       0
           0
                0
                   0
                       0
                           0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                       0
                                                           0
                                                                0
                                                                   0
0
    0
        0
            0
                0
                   0
                       0
                           0
                                0
                                   0.043 0
                                            0 0
                                                    0
                                                         0
                                                            0.043 0.043 0
0.043 0
        0
            0.043 0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
0.043 0
         0
            0
                 0
                    0 0 0
                                 0
                                    0 0
                                            0
                                                 0
                                                    0
                                                         0
                                                             0 0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                                0
   0.043 0
                     0.043 0
                                   0
                                           0
                                                   0
                                                       0
                                                           0.043 0
             0
                 0
                               0
                                       0
                                               0
                                                                     0
0.043 0
             0
                 0
                     0
                         0
                            0
                                 0
                                    0 0
                                            0 0
                                                    0
                                                         0
                                                             0
                                                                 0
0.043 0
                 0
                     0 0.043 0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
         0
             0
                                    0 0.043 0.043 0
                0
                   0
                       0.043 0
                                0
                                                         0
                                                             0
                                                                 0
0
   0
       0
            0
                0
                   0
                       0
                           0
                               0
                                   0
                                       0.043 0 0
                                                    0
                                                         0
                                                             0
                                                                 0
                                                                         0
                                                                             0
 332 332:000094 6:0000017
                              0
                                   0
                                       0
                                           0
                                               0
                                                  *0.109 0
                                                            0
                                                                 0
                            +
0
    0
        0
            0
                0
                   0
                            0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                                   0
                                                                       0.109 0
                        0
                                0
                                                               0
                                   0
                                           0
                                                                   0.083 0
    0
        0
            0
                0
                   0
                        0
                            0
                                0
                                       0
                                                0
                                                   0
                                                       0
                                                           0
                                                                0
0.109 0
         0
             0
                 0
                     0
                         0
                             0
                                 0
                                     0
                                         0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                             0
0
    0
       0
            0
                0
                   0.029 0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
0
    0
       0
                                                           0
            0
                0
                   0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                               0
                                                                   0
                                                                        0
0
                                                       0.038 0
    0
        0
            0
                0
                   0
                        0
                            0
                                0
                                   0
                                       0
                                            0
                                                0
                                                   0
                                                                 0
0
   0
       0
           0
                0
                   0
                       0
                            0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
0
   0
           0
                                           0.109 0
       0
                0
                   0
                       0
                            0
                                0
                                   0
                                       0
                                                     0
                                                         0
                                                                 0
0
    0
       0
                0
                       0.109 0
                                 0
                                     0
                                         0
                                             0
                                                 0.029 0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
                                                                               0
            0
                   0
0
    0
       0
           0
                0
                   0
                       0
                            0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                       0
                                                           0
                                                                0
                                                                   0
                                                                        0
                                                                           0
0
   0
       0
           0
                0
                   0
                       0
                           0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                       0
                                                           0
                                                                0
                                                                   0
                                                                        0
                                                                           0
0
    0
       0
                0
            0
                   0
                       0
                           0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                       0
                                                           0
                                                                0
                                                                       0
                                                                            0
                                                                   0.109 0
0
   0
       0
           0
                0
                   0
                           0
                                           0
                                                0
                                                   0
                                                           0
                       0
                                0
                                   0
                                       0
                                                       0
                                                               0
                                                                             0
0
    0
        0
            0
                0
                   0
                       0
                            0
                                0
                                   0
                                       0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                                0
                                                                   0
                                                                       0
                                                                           0
0
    0
        0
            0
                0
                   0
                       0
                           0
                                0
                                   0
                                       0
                                           0
                                                0
                                                   0
                                                       0
                                                           0
                                                                0
                                                                   0
                                                                        0
                                                                           0
    0
        0
            0
                0
                   0
                        0
                            0
                                0
                                   0
                                       0
                                            0
                                                0
                                                    0
                                                        0
                                                           0
                                                                0
                                                                    0
                                                                            0
0.109 0
         0
             0
                 0
                         0
                            0
                                 0
                                     0
                                         0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                         0
                     0
                                                                     0
    0
       0
           0
                0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
```

```
0
                        0
                           0
                              0
                                  0 0
                                         0
                                            0
                                                0
0
   0
       0
          0
             0
                 0.029 0
                         0
                             0
                                0
                                    0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0.029 0
 333 333:000094 35:0000097
                                     0
                                            0
                                                   0
                         + 0
                              0
                                  0
                                         0
                                                0
                                                       0
                              0 0.012 0
                                         0
                                                 0
0
                0
                    0
                      0
                           0
                                             0
                                                    0
                                                        0
                                                            0
                                                               0
      *0.105 0
0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                              0
                                                  0
                                                     0
   0
                                       0
                                           0
0
                      0
                             0
                                0
                                    0
                                                 0
                  0
                        0
                                      0
                                          0
                                              0
0
                                  0
   0
      0
                 0
                    0
                       0
                           0
                               0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
             0
0
   0
      0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                              0
                                                                 0
0
   0
      0
          0
             0.105 0
                      0
                         0
                             0
                                0
                                    0
                                      0
                                          0
                                              0
                                                 0
                                                     0.012 0
                                                             0
                                                                 0
                                                                    0
0
   0
      0
          0
             0
                                     0
                                                0
                                                   0
                                                       0
                                                          0
                 0
                    0
                        0
                           0
                               0
                                  0
                                         0
                                            0
                                                              0
0.012 0
               0.105 0
                                                          0
                                                                 0
        0
           0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                             0
                                                                    0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0.012 0
                                                    0 0
                                                           0
0
   0
      0
                    0
                        0
                           0
                                  0
                                         0
                                                   0
                                                       0.105 0
                                                               0
          0
             0
                 0
                               0
                                     0
                                            0
                                                0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0.012 0.105 0.105 0
                                                           0
                                                               0
0
   0
      0
             0
                    0
                        0
                           0
                                  0
          0
                 0
                               0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                                 0
                                                          0
          0
                        0
                                     0
0
   0
      0
             0
                 0
                    0
                           0
                               0
                                  0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0.012 0
   0.105 0.012 0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                                                          0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0.012 0
0
                                              0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
          0 0 0 0
                        0 0
                               0 0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
   0.012 0.012 0
                0.012 0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0.105 0
                                                     0
                                                          0
                                                             0
 334 334:000095 168:000049
                                     0.017 0
                         + 0
                              0
                                  0
                                              0
                                                 0.004 0.006 0.004 0
0.006 0 0 0 0.004 0 0 0
                              0
                                  0.006 0
                                          0
                                              0.013 0 0.006 0 0.004 0
         0 0.004 0 0.012 0
                              0
                                  0 0.006 0.006 0
                                                     0 0 0 0 0
      0
   0.006 0
               0
                 0 0
                        0.013 0.006 0.004 0 0.004 0.006 0
                                                         0.004 0
               0 0.004 0 0.006 0 0 0
                                             0
                                                 0 0 0
                                                           0.004 0.006
          0
      0
          0
             0 0
                    0 0
                           0 0 0 0.004 0
                                             0
                                                 0.004 0
                                                          0
   0.004 0
          0 0 0 0 0 0 0.006 0 0 0.006 0
                                                    0 0.012 0.006 0
0.004\ 0 0.004\ 0.006\ 0.006\ 0 0 0.013\ 0.006\ 0 0 0.006\ 0 0
   0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
0.017 0.013 0 0 0
                    0.012 0.004 0
                                 0
                                     0
                                       0
                                            0
                                              0
                                                   0
0.006 0.004 0 0.006 0 0.006 0 0
                                0 0.006 0 0.004 0.017 0 0
                                       0.006 0 0 0.004 0.004 0.006 0
          0.004 0 0.006 0 0.004 0
                                     0
   0 0 0.006 0 0 0.012 0 0 0.006 0 0.006 0 0 0
                                                            0 0.004
0.006 0.004 0 0 0.017 0
                        0 0
                               0 0.006 0 0 0
                                                   0.004 0.006 0.004 0
      0.004 0
                     0
                                   0
                                      0 0.004 0
              0
                 0
                        0
                             0
                               0
                                                   0
                                                      0
                                                          0.006 0 0
0.006\ 0 0.006\ 0 0 0 0 0
                                0 0 0 0 0.004 0 0
0.004 0.004 0 0.006 0
                     0
                        0.006 0
                                 0.006 0
                                          0.013 0.012 0.012 0
                                                             0
      0.004 0.006 0 0.006 0.006 0
                                  0.006 0
                                          0
                                             0.004 0.006 0
                                                          0.006 0.006
0.006 0 0
           0.006 0.006 0
                        0 0 0
                                   0
                                      0
                                          0
                                              0
                                                 0 0
                                                        0
                                                               0.004 0
                                                           0
      0.004 0.013 0
                    0
                       0.012 0.013 0 0.004 0
                                              0.004 0
                                                      0.004 0
                                                               0.006 0
   0.006 0.004 0 0
                    0
                       0.004 0 0 0 0.004 0
                                              0 0
                                                     0 0
                                                             0.006 0
```

```
0.013 0
            0.006 0.004 0 0 0 0 0.004 0.013 0.006 0.006 0 0 0
0.006 0
        0
            0
               0
                  0.006 0 0
                               0.006 0
                                        0
                                            0
                                               0.004 0 0.013 0.013 0.006
        0.004 0
                 0
                     0
                        0.004 0
                                 0.012 0
                                          0
                                              0
                                                 0.006 0
 335 335:000095 28:0000081
                                              0
                         + 0
                                0
                                   0
                                       0
                                          0
                                                  0
                                                    0
                                                         0
                                                            0
          0
              0
                 0
                                   0
                                       0
                                          0
                                              0.008 0
                                                      *0.057 0.008 0
                         0
                            0
                                0
               0.008 0
                        0
                            0
                                0
                                       0.008 0
                                               0.008 0
                                                            0
        0 0
                                   0
                                                        0
0.008 0 0.008 0
                 0
                            0
                                0
                                   0
                                       0.057 0
                                               0 0 0 0.008 0
                     0
                        0
          0
              0
                 0
                     0
                         0
                            0
                                0.057 0
                                        0 800.0
                                                     0
                                                         0
                                                            0.008 0
0
       0.008 0.008 0
                     0.008 0
                              0
                                 0.008 0
                                         0
                                             0.008 0
                                                      0
                                                          0
                                                             0 800.0
       0.008 0
               0
                       0
                              0
                                 0.008 0
                                          0
                                              0 0
                                                                0
                  0
                          0
                                                     0
                                                        0
                                                            0
0
   0.008 0
                                        0.057 0
                                                         0.008 0
            0
               0
                   0
                       0
                          0
                              0
                                 0
                                     0
                                                 0
                                                     0
                0.008 0
0
       0
          0
              0
                          0
                              0
                                 0
                                     0
                                            0
                                                0
                                                   0
                                                      0
                                                          0
0
   0.008 0
            0
               0
                   0
                      0
                          0
                              0
                                 0
                                     0
                                         0.008 0.008 0
                                                       0
                                                          0
                                                                     0
   0.008 0
            0.008 0.008 0
                          0
                              0
                                     0
                                        0
                                            0.008 0
                                 0
                                                    0
                                                        0
                                                            0
0.008 0.008 0
              0.057 0
                      0
                          0.008 0
                                  0 800.0
                                               0.008 0
                                                        0
                                                            0.057 0
                     0
                        0.008 0
                                 0.008 0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                            0
               0 0.008 0 0.008 0
0
       0.008 0
                                        0
                                            0
                                               0
                                                   0
                                                      0.008 0
                                                               0
                                                                   0.008
0
              0
                 0.008 0
                         0
                             0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                             0.057 0
                 0.008 0
0
   0
       0
          0
              0
                          0
                              0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                  0
0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0.008 0.008 0
0
          0.008 0
                      0.008 0
                               0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                            0
                                                                0
   0
       0
                  0
                                                                   0.057
            0 0
                   0 0
                         0.008 0
                                   0
                                       0
                                          0.008 0 0.008 0
                                                            0
                                                                   0.008
                                                                0
0
   0.008 0.008 0 0 0.008 0 0.057 0.008 0
                                            0.008 0
                                                    0
                                                        0
                                                            0
                                                               0
                                                                      0
                      0
                              0
                                     0
                                            0
                                                0.008 0
                                                            0
          0.008 0
                  0
                          0
                                 0
                                        0
       0
              0 0
                     0
                                0
                                   0
                                       0
                                          0
                                              0.008 0.008 0.008 0
                        0
                            0
                         + 0
 336 336:000095 34:0000095
                                0
                                   0
                                       0
                                          0
                                              0
                                                  0.008 0.006 0.008 0
        0
               0.008 0
                        0
                            0
                               0.007 0.006 0
                                              0
                                                 0.004 0
                                                          0.006 0
      0.007 0
               0
                   0.008 *0.013 0 0 0
                                         0
                                            0 0.006 0.006 0 0
       0
          0.006 0
                   0
                       0
                         0
                             0
                                 0.004 0.006 0.008 0
                                                     0.008 0.006 0
                                                                   0.008
   0.006 0
                       0.008 0
                               0.006 0
                                               0 0.013 0 0
            0
               0
                   0
                                        0
                                            0
0.006 0 0
            0
               0
                   0
                       0
                          0
                              0
                                 0
                                     0
                                         0
                                            0.008 0
                                                     0.01 0.008 0
      0
          0.008 0
                   0
                       0
                          0
                              0
                                 0
                                     0
                                        0.006 0 0
                                                     0.006 0
                 0.008 0.006 0.006 0
                                            0.004 0.006 0
        0.004 0
                                     0
                                        0
                                                             0.006 0
0.006 0
            0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
        0
                        0.007 0
                                0.008 0 0.01 0.007 0
   0.008 0
            0.004 0
                    0
                                                       0
       0.006 0.008 0
                     0.006 0.007 0.006 0 0 0 0.006 0
                                                       0.004 0 0.007 0
               0.800.0
                        0.006 0
                                                          0.008 0.008
   0.004 0
                                0.008 0
                                         0 0.006 0 0
0.006 0
                  0.006 0
                                       0
                                          0.006 0
                                                   0.006 0
                                                            0
        0
            0
               0
                            0 0
                                   0
0.008 0.006 0.008 0
                         0
                              0
                                0
                                     0
                                        0.006 0
                                                       0.008 0.006 0.008
                  0
                      0
                                                 0
                                                     0
   0.013 0
            0.008 0
                     0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0
                                                 0.008 0
                                                          0
                                                              0
                                                                 0.006 0
   0.006 0
            0.006 0
                     0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0
                                                  0
                                                     0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                     0.006 0
                                              0.004 0
                                                       0
                                                           0
                                                              0.01 0
           0.008 0.006 0
                         0.006 0.006 0
                                        0.006 0
                                                 0
                                                     0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0
                                         0 0
                                                 0
                                                     0
                                                        0 0
```

```
0.008 0
        0 0
               0.008 0.004 0 0 0 0.004 0
                                           0.008 0
                                                    0.008 0
                                                             0.008 0
0.006 0 0.007 0.006 0.008 0
                         0
                              0
                                 0.008 0 0
                                             0
                                                 0.008 0
                                                         0
           0.004 0
                    0.006 0.008 0
                                     0 0
                                           0.008 0.004 0.006 0.006 0
   0 0.006 0 0
                 0 0
                        0.006 0
                                                    0.008 0
                                  0
                                     0.006 0
                                             0
                                                 0
                                                             0.004
0.004 0.006 0.004 0
                  0.008 0
                                 0.008 0
                                                       0.006 0
                          0
                              0
                                          0
                                             0
                                                 0
                                                    0
 337 337:000095 215:000062
                        + 0
                              0
                                  0.006 0
                                          0
                                             0
                                                 0
                                                           0.007 0
0.006 0.008 0 0 0 0 0
                              0.008 0.01 0
                                           0 0
                                                  0.008 0
                                                          0.008 0.008
                           0
      0.008 0
              0
                 0 0.008 0
                              0
                                  0
                                     0
                                        0
                                            0.008 0
                                                    0.008 0
                       0
                              0
                                     0
                                        0
                                            0.008 0
      0.008 0
               0.008 0
                           0
                                  0
                                                    0
                                                       0
                                                           0.008
0.008 0 0
          0.007 0 0
                       0 0.007 0.007 0
                                       0
                                            0.007 0.008 0
                                                         0
                                                            0.008 0
                 0 0 0.01 0.008 0.008 0
0.008 0.008 0.008 0
                                           0.008 0
                                                      0.008 0
                                                   0
                0.008 0.008 0
0.008 0.008 0
                              0 0.008 0
                                             0 0
                                                    0
                                                           0.007 0.008
      0
          0
             0
                 0
                    0
                       0
                           0.008 0 0.008 0 0
                                                  0.007 0
                                                           0.007 0
0.007 0.008 0
             0
                    0.008 0
                            0
                               0
                                   0
                                      0
                                          0
                                            0 0
                                                    0.008 0
                0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                             0.008 0 0.008 0 0
                                                  0.007 0
                                                           0
                                                              0.007 0
      0.008 0.008 0
                       0
                           0
                              0 0
                                    0 0.008 0 0.008 0.008 0
      0.01 0.008 0
                   0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
           0.008 0
                    0.008 0 *0.011 0.008 0
0.008 0 0
                                          0
                                             0
                                                 0
                                                    0
   0.008 0
           0.008 0.007 0 0 0
                                   0
                                             0.007 0
                                                    0.007 0 0.008 0
                               0
                                     0
                                          0
   0.008 0.008 0.008 0 0 0
                                0.008 0
                                          0.008 0
                                                  0
                                                      0.008 0
       0.008 0
                0
                    0.007 0.008 0 0.008 0
                                          0
                                                    0.006 0.008 0
                                             0
                                                0
          0 0 0.008 0 0.006 0
                                   0 0
                                          0
                                                    0
                                                       0
   0 0
          0
             0 0.007 0 0 0 0.008 0 0 0
                                                   0.008 0
                                                           0
0.008 0.008 0.007 0
                  0.006 0.011 0.008 0.006 0
                                        0.008 0.008 0
                                                          0.008 0.007
                    0.008 0 0.008 0 0 0 0.007 0
                                                   0.008 0
          0
             0
                0
                                                            0 0
0.008 0 0.008 0
                       0.008 0 0.008 0.008 0
                                                0.008 0
                0
                    0
                                             0
                                                         0.008 0.008 0
0.008 0 0
          0.008 0
                    0
                       0
                          0 0 0 0 0.008 0
                                                 0
                                                    0.006 0
                                                            0 0
                           0.007 0 0 0 0 0
      0.008 0.007 0
                       0
                                                 0
                                                    0 0
                                                           0
                    0
                                                              0 0
          0.008 0.008 0.008 0
                            0
                               0
 338 338:000096 34:0000095
                        + 0
                             0
                                  0
                                     0
                                        0
                                           0 0.008 0.006 0.008 0
               0.008 0 0 0 0.007 0.006 0
                                           0
                                              0.004 0 0.006 0
      0.007 0
               0
                  0.008 *0.013 0 0
                                   0
                                      0
                                          0 0.006 0.006 0
                                0.004 0.006 0.008 0
      0
          0.006 0
                      0
                        0 0
                                                 0.008 0.006 0
   0.006 0
           0
                      0.008 0 0.006 0
                                             0 0.013 0 0 0
                                                                0.008
              0
                  0
                                      0
                                          0
0.006 0
                                                   0.01 0.008 0
           0
               0
                  0
                      0
                         0
                            0
                                0
                                   0
                                          0.008 0
         0.008 0
                  0
                      0
                         0
                            0
                                0
                                   0
                                       0.006 0 0
                                                  0.006 0
       0.004 0 0.008 0.006 0.006 0
                                          0.004 0.006 0
                                   0
                                      0
                                                           0.006 0
0.006 0 0
          0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
                    0 0.007 0 0.008 0
                                       0.01 0.007 0
           0.004 0
                                                    0 0
      0.006 0.008 0
                    0.006 0.007 0.006 0
                                      0 0.006 0
                                                     0.004 0
                                                              0.007 0
   0.004 0
               0.008 0
                      0.006 0
                               0.008 0
                                       0 0.006 0
                                                   0
                                                       0.008 0.008
0.006 0 0
           0
               0
                 0.006 0 0 0 0 0.006 0 0.006 0 0
0.008 0.006 0.008 0
                     0
                        0
                            0
                                0
                                   0
                                      0.006 0
                                              0
                                                  0
                                                     0.008 0.006 0.008
   0.013 0
           0.008 0 0 0 0 0 0
                                        0 0 0.008 0 0
                                                          0 0.006 0
```

```
0.006 0
           0.006 0 0 0 0 0 0 0 0 0
                                                  0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                  0.006 0 0.004 0
                                                    0
                                                      0
                                                          0.01 0
       0 0.008 0.006 0 0.006 0.006 0 0.006 0
                                             0
                                                 0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                           0
                                             0
                                                 0
                                                    0
                                                       0
                                                               0
              0.008 0.004 0 0
                              0 0.004 0
                                           0.008 0
                                                   0.008 0
                                                           0.008 0
        0.007 0.006 0.008 0 0 0
                                0.008 0 0
                                            0
                                               0.008 0
0.006 0
           0.004 0
                   0.006 0.008 0
                                0
                                    0
                                      0
                                           0.008 0.004 0.006 0.006 0
  0 0.006 0 0
                 0 0
                        0.006 0
                                    0.006 0
                                                   0.008 0
                                                           0.004
                                 0
                                            0
                                                0
0.004 0.006 0.004 0
                 0.008 0
                          0 0
                                0.008 0
                                         0
                                            0
                                                0
                                                   0
                                                      0.006 0
 339 339:000096 83:0000224
                        + 0.021 0 0
                                         0
                                                0
                                                   0 0
                                     0
                                            0
                                                          0
0
                0
                    0
                       0
                          0
                              0
                                 0 0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                       0
0
      0
                0
                    0
                       0
                          0
                              0
                                 0.021 0
                                         0
                                             0
                                                0
                                                   0.021 0
                                                                  0
0
   0.021 0
               0
                     0
                        0
                            0
                              0
                                   0
                                     0
                                         0
                                                0
                                                   0.021 0
                                                               0
                                                                  0
           0
                  0
                                             0
0
                       0
                             0 *0.101 0 0
                                                    0
          0
             0
                0
                    0
                          0
                                             0
                                                0
                                                       0
0
   0
      0
                    0
                                    0
                                       0
                                          0
                                              0
                                                 0.021 0
          0
             0
                0
                       0
                          0
                              0
                                 0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0.021 0
                                   0
                                     0
                                         0
                                            0
                                                0
                                                   0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                     0 0
0
   0
      0
          0
             0
                    0
                0
                       0
                          0
                              0
                                 0
                                    0
                                        0.021 0
                                                0
                                                   0 0
   0
          0
                       0
                                                       0.021 0
0
      0
             0
                0
                    0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
0.021 0
        0
           0
              0
                 0
                     0
                        0
                            0
                              0 0 0 0 0
                                                0
                                                  0.021 0 0
                0.021 0
                        0.021 0
                                    0
                                           0 0
                                                 0
                                                     0.021 0
0
   0
      0
          0
             0
                                 0
                                       0
0
   0
      0
          0
             0
                    0
                          0
                              0
                                 0
                                    0
                                        0.101 0 0
                                                  0
                                                      0 0
                                                  0 0.021 0 0 0
0
   0
      0
         0
             0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0.021 0
                0
0
   0
      0
         0
             0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0.021 0
0
   0
      0
         0
                              0 0 0.101 0 0
                                                 0 0
                                                        0
             0
                0.021 0
                       0
                            0
                                                           0 0.021
0
   0
      0
         0
             0
                0
                    0
                       0
                                 0
                                    0
                                        0.021 0
                                                0
                                                  0 0
                                                         0
                          0
0
   0
      0
         0
             0
                0
                    0
                       0
                          0
                              0.101 0
                                     0
                                         0
                                                0
                                                   0
                                                      0
                                                             0.021 0
                                             0
0
   0
                                                               0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                            0
   0
             0
                0
                    0
                       0
      0
          0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
0.021 0 0
                       0 0
                              0 0.021 0
                                                  0.101 0
          0 0 0 0
                                           0
                                              0
                                                         0
                                                             0
   0
      0
 340 340:000096 34:0000095 + 0
                             0
                                 0
                                    0 0
                                          0
                                              0.008 0.006 0.008 0
                             0.007 0.006 0
              0.008 0
                      0 0
                                           0
                                              0.004 0 0.006 0 0.008
      0.007 0
                  0.008 *0.013 0 0 0 0
                                         0
                                             0.006 0.006 0 0 0
   0
                                                                 0
              0
      0
          0.006 0
                  0
                     0
                        0
                           0
                               0.004 0.006 0.008 0
                                                 0.008 0.006 0
                                            0 0.013 0 0 0
   0.006 0
           0
              0
                  0
                     0.008 0 0.006 0
                                      0
                                         0
                                                               0.008
0.006 0 0
                  0
                     0
                        0
                            0
                               0
                                  0
                                      0
                                         0.008 0
                                                 0.01 0.008 0
         0.008 0
                     0
                            0
                                      0.006 0 0
                                                  0.006 0
                  0
                        0
                               0
                                   0
                                                          0
       0.004 0 0.008 0.006 0.006 0
                                  0
                                      0
                                         0.004 0.006 0 0 0.006 0
              0
           0
           0.004 0
                   0
                       0.007 0 0.008 0 0.01 0.007 0
                                                   0
      0.006 0.008 0
                   0.006 0.007 0.006 0 0 0 0.006 0
                                                   0.004 0
                                                           0.007 0
   0.004 0
              0.008 0
                      0.006 0
                              0.008 0
                                      0 0.006 0 0
                                                      0.008 0.008
0.006 0 0
           0
              0 0.006 0 0 0 0 0.006 0 0.006 0 0 0
```

```
0 0 0 0.006 0 0 0.006 0 0
                               0.006 0 0 0.045 0
0.006 0.045 0 0
             0 0
                   0
                      0
                         0 0
                               0
                                  0
                                     0
                                        0
                                          0
                                            0
                                                0
                                                   0
                                                         0
0.006 0 0.006 0
             0 0
                   0
                      0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                          0.006 0
                                                 0.006 0
  0.006 0 0 0 0 0 0 0 0 0.006 0
                                        0
                                          0
                                             0 0
                                                   0 0.045
             0 0
                   0
                      0
                         0 0
                               0
                                  0.006 0 0
                                           0 0
       0 0
                                                 0.006 0.006
  0.045 0 0 0 0 0 0.006 0
                               0
                                  0
                                     0 0 0 0 0 0.006
0.045 0 0 0 0 0
                    0
                        0.006 0
                               0
                                  0
                                     0.045 0
                                           0
                                               0
                                                 0
  0 0 0 0 0 0 0
                         0
                               0.006 0
                                     0 0
                                           0.006 0.006 0
                           0
  0.006 0 0.006 0 0.006 0
                        0.006 0
                               0.045 0 0 0
                                            0.006 0
0.006 0 0
        0
            0.006 0
                   0 0
                         0
                            0
                               0
                                  0 0 0.006 0 0 0.006 0 0
  0 0.006 0.006 0
                0
                    0
                      0
                         0
                            0
                               0
                                  0
                                     0 0 0 0.045 0 0
0.045 0 0 0 0.006 0 0.006 0.006 0
                               0.006 0 0.006 0 0 0.006 0
        0 0
             0
                0.006
    0
 343 343:000097 215:000062
                    + 0
                         0 0.006 0 0 0 0 0 0 0.007 0 0
0.006 0.008 0 0 0 0 0 0
                         0.008 0.01 0
                                    0 0.008 0
                                                 0.008 0.008
  0 0.008 0 0 0 0.008 0
                         0
                            0
                               0
                                  0
                                     0.008 0
                                            0.008 0
0 0 0.008 0 0.008 0 0
                         0 0 0 0
                                     0.008 0
                                           0 0 0 0.008
         0.007 0 0 0 0.007 0.007 0 0
                                     0.007 0.008 0 0
0.008 0.008 0.008 0 0 0 0.01 0.008 0.008 0 0.008 0 0 0.008 0
              0.008 0.008 0 0 0 0.008 0 0
0.008 0.008 0
           0
                                           0
                                                 0.007 0.008
  0
     0
              0
                    0
                      0.008 0 0.008 0 0
                                          0.007 0
        0
           0
                 0
                                                 0.007 0
0.007 0.008 0
           0
              0
                 0.008 0 0 0 0 0 0 0 0.008 0
     0
        0
           0
             0
                 0
                    0
                      0 0.008 0 0.008 0 0 0.007 0
                                                 0 0.007 0
     0.008 0.008 0
                    0 0 0 0 0 0.008 0 0.008 0 0 0
                 0
  0 0.01 0.008 0
                0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
                0.008 0 *0.011 0.008 0
         0.800.0
                                   0
                                     0
                                         0
  0.008 0
         0.008 0.007 0 0 0 0
                               0
                                   0
                                      0.007 0 0.007 0 0.008 0
  0.008 0.008 0.008 0 0 0 0.008 0
                                   0.008 0 0
                                             0.008 0
                                                    0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                   0
                                     0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                   0 0
                                         0
                                            0
                                              0
       0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
0 0 0
0.008 0.007
                 0.008 0 0.008 0 0 0 0.007 0 0.008 0
       0 0 0
                                                  0 0
0.008 0 0.008 0 0
                    0.008 0 0.008 0.008 0 0
                                         0.008 0 0.008 0.008 0
                 0
0.008 0 0 0.008 0
                   0 0 0 0 0 0.008 0
                                         0
                                            0.006 0
                 0
                                                  0 0
    0.008 0.007 0 0 0 0.007 0 0 0 0
                                         0
                                            0
                                              0 0 0 0
        0.008 0.008 0.008 0 0
 344 344:000097 19:0000051
                    + 0 0
                            0 0
                                  0 0
                                        0.007 0
                                              0.007 0
           0 0 *0.063 0 0 0 0
                                  0
                                        0
                                           0.007 0
     0.007 0
                                    0
                                                     0.063
0
     0.007 0
              0 0
                    0
                       0 0 0 0 0
                                         0
                                           0
                                                     0
            0
                                     0
                                              0
                                                  0
           0 0 0.007 0
                       0.007 0
                               0
                                  0.007 0
0.007 0 0
        0
            0 0 0 0
                        0 0 0 0.007 0 0
                                          0
                                             0
                                                0
                                                      0 0
           0.007 0 0
                    0.007 0 0
                               0
                                  0
                                     0
                                        0
                                           0.007 0
           0 0 0 0 0 0
                               0
                                  0
                                     0
                                        0.007 0 0
```

```
0.007 0.007 0 0 0
             0 0
                   0
                       0
                          0
                             0
                                 0
                                                        0.007 0.007
                                             0.007 0
0.063 0
       0
           0.007 0
                   0.007 0
                           0
                               0
                                  0
                                     0.063 0
                                                     0
                                                         0.063 0
                   0
                       0.007 0
                              0
                                  0.063 0
                                          0
                                              0
                                                 0
              0 0 0.007 0
                                    0.007 0
                                                         0.007 0.007
0.063 0 0
          0
                             0
                                0
                                           0
                                               0
                                                  0
                                                      0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
0.007 0 0.007 0
                                                 0.007 0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                       0
                                          0
                0
                                              0
                                                         0.007 0
              0
                 0 0
                       0
                            0
                               0 0
                                     0.007 0
                                              0
                                                 0
                                                     0
                                                        0
                0
                   0
                      0
                          0
                             0
                                 0
                                    0.007 0
                                            0 0
                                                  0 0.007 0.007 0
      0
             0
                                  0
              0
                0 0 0
                            0
                               0
                                     0
                                         0
                                            0.063 0 0
                                                       0.007 0
0
         0
             0
                0 0.007 0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                0
                   0
                       0
                          0.007 0
                                  0
                                     0
                                         0.007 0
                                                 0
                                                     0
0.007 0 0.007 0
                0.007 0
                       0
                           0 0.063 0 0.007 0
                                               0
                                                  0
                                                      0.007 0
                            0
                                  0
                                     0
              0
                 0 0
                        0
                               0
                                         0.007 0
                                                 0
                                                     0
                                                        0
                                                           0.007 0
             0
                0 0
                       0
                          0 0 0 0
                                       0
                                           0
                                                     0
                                                        0
                                                           0.007 0
         0
                                              0
                                                 0
                0.007 0
                               0.007 0
                                       0
                                           0
                                                        0
                                                           0.007
          0
             0
                        0
                            0
                                              0
                                                 0
                                                     0
 345 345:000097 25:0000068
                        + 0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0.006 0
                                                      0.006 0
                                          *0.037 0 0.006 0
      0.006 0
              0
                  0
                     0
                        0
                            0 0.006 0
0
      0.006 0
              0
                     0
                        0
                            0
                               0
                                  0
                                     0
                                        0
                                            0
                                                0
                                                  0
                                                      0
             0.006 0
                             0.006 0
                                         0.006 0
         0
                     0.006 0
                                     0
                                                 0
                                                    0
                                                       0
0.006 0 0
          0
              0
                     0
                        0
                            0
                               0 0
                                     0.006 0
                                              0
                                                 0
                                                     0
0
             0.006 0
                        0.006 0
                                0
                                   0
                                       0
                                          0
                                              0
                                                 0.006 0
   0
      0
         0
                     0
                                                         0
         0.037 0
                     0
                        0
                            0
                              0 0.037 0
                                          0.006 0
                                                  0.006 0.037 0
                              0 0 0 0
      0.006 0 0
                0
                     0
                        0
                            0
                                           0.006 0.006 0
                                                         0.037 0
0.006 0.006 0 0.037 0
                             0.006 0
                                     0.006 0
                     0.006 0
                                             0
                                                 0
                                                       0.006 0
             0 0 0
                             0
                                0.006 0
                                         0.037 0 0
                       0
                          0
                                                     0
                                                        0
                                                           0
                                                              0
                                                                  0
0.006 0 0
          0 0.006 0
                          0
                             0.006 0
                                     0
                                         0
                                            0.006 0
0.006 0.006 0 0
               0
                   0
                       0
                          0.037 0
                                  0
                                     0
                                         0
                                            0
                                               0.037 0
                                                        0
                                                           0
                                                              0
                                                                 0
      0.006 0 0.006 0
                                          0.037 0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                                  0 0
                                                         0.006 0
0.006 0
        0
          0
              0.006 0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                          0
                                                 0.006 0
                                              0
                                                         0
                                                 0.006 0
      0 0 0
               0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
0.006 0.006 0 0
                0
                   0
                       0
                          0
                             0.037 0 0.006 0 0
                                                 0 0 0
                                                         0
          0.037 0.037 0
                       0.037 0 0 0.006 0
                                           0 0
0.006 0
                                                  0
0.037 0
        0
           0
              0 0 0
                       0 0
                              0 0 0 0 0 0.006 0 0
0.006 0
              0.006 0 0.006 0
                              0.006 0 0.006 0 0
                                                         0.037 0.006
                                                  0 0
         0.006 0 0 0.006 0 0 0
                                          0 0
                                                 0
                                                     0
                                                        0.006 0
                  0.006 0.006 0 0 0 0 0 0
        0
          0
              0
                                                  0
                                                                0
                                                      0
             0 0.006 0
                           0.006 0.006 0 0.006 0 0.006 0
         0
       0
          0
              0
                 0
                     0
                        0
                            0.006
 346 346:000097 34:0000095
                        + 0
                             0
                                          0
                                              0.008 0.006 0.008 0
                                0
                                   0
                                       0
              0.008 0 0 0
                             0.007 0.006 0
                                          0
                                             0.004 0 0.006 0 0.008
0.006 0
       0
          0
                  0.008 *0.013 0 0 0
      0.007 0
                                      0
                                         0
                                             0.006 0.006 0 0
   0
      0
          0.006 0
                  0
                     0 0 0
                               0.004 0.006 0.008 0
                                                 0.008 0.006 0
                                                              800.0
   0.006 0
           0
              0
                  0
                     0.008 0
                             0.006 0
                                     0
                                         0
                                            0
                                               0.013 0
                                                              0.008
0.006 0 0
           0
              0
                  0
                     0
                       0 0
                               0 0
                                     0
                                         0.008 0 0.01 0.008 0
```

```
0.008 0 0 0 0 0 0 0 0.006 0 0 0.006 0
0.006 0 0.004 0 0.008 0.006 0.006 0 0
                                   0 0.004 0.006 0
                                                   0 0.006 0
           0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.006 0.007 0.006 0 0 0 0.006 0
      0.006 0.008 0
                                                 0.004 0
0 0.004 0
              0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008
                0.006 0 0 0 0 0
                                      0.006 0 0.006 0 0
0.008 0.006 0.008 0
                    0
                      0
                             0
                                 0
                                   0.006 0
                                           0 0 0.008 0.006 0.008
                0
                          0
                   0 0 0
                                  0
                                            0.008 0 0
   0.013 0
           0.008 0
                            0
                               0
                                      0
                                         0
                                               0.008 0
0 0.006 0
           0.006 0
                   0
                     0 0
                            0
                               0
                                   0
                                      0
                                         0
                                            0
                                                       0
0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0
                                         0.004 0
                                                 0
                                                    0
                                                        0.01 0
0.007 0 0 0.008 0.006 0 0.006 0.006 0 0.006 0
                                           0
                                               0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0
                              0 0
                                     0
                                         0
                                            0
                                                  0
0.008 0
       0 0 0.008 0.004 0 0 0 0.004 0
                                         0.008 0 0.008 0
                                                         0.008 0
0.006 0 0.007 0.006 0.008 0 0
                              0.008 0 0
                                          0
                                             0.008 0
                                                     0
0.006 0 0
         0.004 0 0.006 0.008 0
                               0 0 0
                                         0.008 0.004 0.006 0.006 0
0 0 0.006 0 0 0 0.006 0
                               0 0.006 0
                                          0
                                             0
                                                 0.008 0
                                                        0.004
0.004 0.006 0.004 0
                0.008 0 0
                            0
                               0.008 0
                                      0
                                          0
                                             0
                                                 0 0.006 0 0.008
 347 347:000097 215:000062
                      + 0
                            0
                               0.006 0 0
                                          0
                                             0
                                                 0 0
                                                       0.007 0
0.006 0.008 0 0 0 0 0 0
                            0.008 0.01 0
                                        0 0
                                               0.008 0
                                                       0.008 0.008
      0.008 0
             0 0.008 0
                            0
                               0
                                  0
                                     0
                                         0.008 0
                                                 0.008 0
                                                        0 0
      0.008 0
              0.008 0
                     0
                         0
                            0
                               0
                                   0
                                      0
                                         0.008 0
                                                 0
                                                       0.008 0
0.008 0 0
         0.007 0 0 0 0.007 0.007 0
                                    0
                                         0.007 0.008 0 0
0.008 0.008 0.008 0
                0 0 0.01 0.008 0.008 0
                                        0.008 0
                                                   0.008 0
                                                0
0.008 0.008 0
               0.008 0.008 0 0 0.008 0
                                         0 0 0 0
            0
                                                       0.007 0.008
                         0.008 0 0.008 0 0 0 0.007 0
      0
         0
            0
               0
                      0
                                                       0.007 0
0.007 0.008 0
            0
               0
                   0.008 0
                          0
                             0
                                 0
                                   0
                                       0
                                          0 0
                                                 0.008 0
                                                        0 0
   0
                           0.008 0 0.008 0 0 0.007 0
      0
            0
                      0
                         0
                                                          0.007 0
      0.008 0.008 0
                   0
                      0
                         0
                            0 0 0 0.008 0 0.008 0.008 0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
           0.008 0
                   0.008 0 *0.011 0.008 0
                                       0
                                          0
                                              0 0 0 0.007 0
           0.008 0.007 0
                             0
                                          0.007 0 0.007 0
   0.008 0
                      0 0
                                 0
                                       0
   0.008 0.008 0.008 0 0 0 0.008 0
                                       0.008 0 0
                                                 0.008 0
                                                          0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                                0.006 0.008 0 0
                                       0
                                          0 0
0.008 0 0
         0 0 0.008 0 0.006 0 0
                                                       0.007 0 0
                                       0
                                          0
                                              0
                                                 0
                                                    0
   0 0 0 0 0.007 0 0 0.008 0 0 0 0.008 0
0 0.008 0.007
         0
            0 0
                   0.008 0 0.008 0 0
                                        0.007 0
                                                 0.008 0
0.008 0 0.008 0 0
                     0.008 0 0.008 0.008 0 0
                   0
                                             0.008 0 0.008 0.008 0
0.008 0 0
          0.008 0
                      0
                         0 0 0
                                  0 0.008 0
                                             0
                                                 0.006 0
                   0
0 0 0.008 0.007 0
                   0
                     0
                         0.007 0 0 0
                                       0 0
                                             0
                                                 0 0
                                                      0 0 0
         0.008 0.008 0.008 0
                          0 0
 348 348:000097 65:0000165
                      + 0.023 0 0.006 0
                                         0 0
                                               0 0
0.022\ 0.006\ 0 \quad 0.013\ 0 \quad 0 \quad 0 \quad 0 \quad 0
```

```
0 0 0.012 0
                        0 0 0 0 0.023 0
                                            0.013 0 0
           0.023 0
                  0
                     0
                        0.022 0
                                0
                                   0
                                      0 0
                                            0 *0.035 0
             0 0
                   0
                     0
                         0 0 0 0 0 0 0 0.021 0
        0
           0
              0
                 0
                    0
                       0
                          0 0
                                0
                                   0
                                      0
                                         0
                                           0
                                               0
                                                 0
              0.012 0.022 0
       0.012 0
                          0
                             0
                                0
                                   0
                                      0
                                        0
                                            0.023 0
                                   0.013 0 0
        0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                             0
                                                0 0
        0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0.022 0
                                             0 0.012 0
0.023 0 0
               0 0
                     0 0 0 0 0 0
                                          0
          0
             0
                                             0 0
              0.023 0
                               0 0 0 0 0 0
           0
                      0.023 0 0
     0.023 0
             0
                0
                  0
                      0
                         0
                           0 0 0 0.023 0.032 0.023 0
        0.023 0
                   0
                      0.013 0 0 0 0 0
                                            0
0.021 0 0 0 0
                   0
                         0 0 0
                                0 0 0 0 0
               0
                      0
0.021 0.023 0 0 0.023 0
                                 0.006 0
                      0
                           0
                              0
                                         0
                                            0
                                               0
  0 0.006 0 0 0 0.023 0 0.021 0 0
                                    0 0
                                          0 0.023 0
                                                        0
         0 0 0 0 0 0.023 0 0 0
  0.021 0
                                     0
                                            0
                                                     0.006 0
  0.006 0.023 0 0 0
                    0 0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
0.021 0 0 0 0 0 0 0 0 0.023 0 0
                                            0
        0 0 0 0 0 0 0.013 0 0 0 0 0 0
0.006 0 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0
         0 0 0.021 0 0 0 0 0 0
  0.023 0
 349 349:000099 215:000062
                          0 0.006 0
                                    0 0 0 0 0 0.007 0
                     + 0
0.006 0.008 0 0 0 0 0 0
                          0.008 0.01 0 0 0 0.008 0
     0.008 0 0 0.008 0
                          0
                             0 0 0
                                      0.008 0
                                             0.008 0 0 0 0
     0.008 0
             0.008 0
                    0
                                      0.008 0
                      0
                          0
                             0
                                0
                                   0
                                             0
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0
                                      0.007 0.008 0 0 0.008 0
               0 0 0.01 0.008 0.008 0
0.008 0.008 0.008 0
                                     0.008 0
                                            0 0.008 0
0.008 0.008 0
           0
              0.008 0.008 0 0 0 0.008 0
                                       0 0
                                             0
                                                0
                                                   0.007 0.008
  0
                    0 0.008 0 0.008 0 0 0 0.007 0
           0
              0
                                                   0.007 0
0.007 0.008 0
           0
              0
                 0.008 0 0 0 0
                                0
                                    0 0 0 0.008 0 0 0
                       0 0.008 0 0.008 0 0 0.007 0
  0
        0
           0
              0
                    0
     0.008 0.008 0
                 0
                    0 0 0 0 0 0 0.008 0 0.008 0
     0.01 0.008 0
                                  0.008 0.008 0.007 0.008 0
                 0.008 0.008 0 0 0
0.008 0 0
          0.008 0
                 0.008 0 *0.011 0.008 0
                                    0
                                       0 0 0 0 0.007 0
  0.008 0
          0.008 0.007 0 0 0 0 0
                                       0.007 0 0.007 0
                                    0
  0.008 0.008 0.008 0 0 0 0.008 0
                                    0.008 0 0
                                              0.008 0
                                                      0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                    0 0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                    0 0
                                          0
                                             0
                                                0
                                                   0.007 0 0
        0 0 0.007 0 0 0.008 0 0 0
                                            0.008 0
0.008 0.008 0.007 0
               0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                   0.008 0.007
                 0.008 0 0.008 0 0
                                     0.007 0
                                             0.008 0
              0
0.008 0 0.008 0 0
                 0
                    0.008 0 0.008 0.008 0 0
                                          0.008 0 0.008 0.008 0
0.008 0
       0
         0.008 0
                 0
                    0 0 0 0 0 0.008 0
                                          0
                                             0.006 0 0
     0.008 0.007 0
                 0
                    0 0.007 0 0 0 0 0
                                          0
                                             0 0
        0.008 0.008 0.008 0 0
```

```
350 350:000099 34:0000095
                            + 0
                                   0
                                       0
                                           0
                                               0
                                                  0
                                                       0.008 0.006 0.008 0
0.006 0
        0
            0
                 0.008 0 0
                               0
                                   0.007 0.006 0
                                                  0
                                                     0.004 0 0.006 0 0.008
       0.007 0
                     0.008 *0.013 0
                                     0
                                         0
                                             0
                                                 0
                                                     0.006 0.006 0
                                     0.004 0.006 0.008 0
                                                          0.008 0.006 0
    0
       0
           0.006 0
                     0
                         0 0
                                 0
                                                                          0.008
    0.006 0
             0
                 0
                     0
                         0.008 0
                                   0.006 0
                                             0
                                                 0
                                                    0
                                                        0.013 0
                                                                  0
                                                                          0.008
                                                 0.008 0
0.006 0
         0
             0
                 0
                     0
                         0
                             0
                                 0
                                     0
                                         0
                                             0
                                                          0.01 0.008 0
                                                                             0
                                             0.006 0 0
       0
           0.008 0
                     0
                         0
                             0
                                 0
                                     0
                                         0
                                                           0.006 0
0.006 0
         0.004 0
                   0.008 0.006 0.006 0
                                        0
                                            0
                                                0.004 0.006 0
                                                                    0.006 0
                                                               0
                 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
0.006 0
   0.008 0
             0.004 0
                       0
                           0.007 0
                                    0.008 0 0.01 0.007 0
                                                            0
                                                                0
                                                                     0
       0.006 0.008 0
                       0.006 0.007 0.006 0
                                            0
                                                0 0.006 0
                                                              0.004 0
                                                                        0.007 0
    0.004 0
             0
                 0.008 0
                          0.006 0
                                    0.008 0
                                             0 0.006 0 0
                                                                0.008 0.008
0.006 0
                 0
                    0.006 0
                               0
                                   0
                                       0
                                           0
                                               0.006 0
                                                        0.006 0
                                                                  0
0.008 0.006 0.008 0
                    0
                         0
                           0
                                 0
                                        0
                                           0.006 0
                                                          0
                                                             0.008 0.006 0.008
                                    0
                                                      0
   0.013 0
                                                       0.008 0
             0.008 0
                       0
                          0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                                0
                                                                    0
                                                                        0.006 0
   0.006 0
             0.006 0
                                   0
                                           0
                                               0
                                                   0
                                                       0
                                                           0.008 0
                       0
                           0
                               0
                                       0
                                                                        0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                         0.006 0
                                                   0.004 0
                                                                     0.01 0
                                                             0
                                                                 0
0.007 0 0
            0.008 0.006 0 0.006 0.006 0
                                           0.006 0
                                                      0
                                                          0.008 0.006 0
                                                                          0.006
               0 0.006 0.006 0
                                  0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                                  0
                                                  0.008 0
0.008 0
         0
             0 0.008 0.004 0 0
                                   0 0.004 0
                                                            0.008 0
                                                                      0.008 0
0.006 0
         0.007 0.006 0.008 0
                                  0
                                      0.008 0
                                                    0
                                                        0.008 0
                             0
                                                0
             0.004 0
0.006 0
         0
                       0.006 0.008 0
                                       0
                                          0
                                             0
                                                  0.008 0.004 0.006 0.006 0
                                                                              0
   0 0.006 0
                             0.006 0
                         0
                                           0.006 0
                                                    0
                                                        0
                                                            0.008 0
                                                                      0.004
                 0
                    0
                                       0
0.004 0.006 0.004 0
                     0.008 0
                               0
                                   0
                                       0.008 0
                                                0
                                                    0
                                                        0
                                                            0
                                                                0.006 0
                                                                          0.008
 351 351:000100 351:000100
                                  0
                               0
                                       0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
                                                                      0
                                                                          0
                                                                              0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
0
    0
        0
            0
                0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
    0
        0
                0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
0.043 0
                         0
                                 0
                                         0
                                                                              0
         0
             0
                 0
                     0
                             0
                                     0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0.043 0
                                                                          0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                           0
0
   0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                           0
                                               0
                                                   0
                                                           0
                                                               0
                                                                   0
                                                                           0
                                       0
                                                       0
                                                                       0
0
    0
       0
           0
               0
                       0
                           0
                               0
                                       0
                                           0
                                               0
                                                       0
                                                               0
                                                                       0
                                                                           0
                   0
                                   0
                                                   0
                                                           0
                                                                   0
0
    0
           0
                           0
                                           0
                                                   0
                                                                           0
       0
               0
                   0
                       0
                               0
                                   0
                                       0
                                               0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
0
    0
       0
            0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                           0
               0
                                                       0
                                                               0
                                                                   0
0
    0
       0
           0
               0
                   0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0.043 0
                                                                    0
                                                                        0
    0
       0.043 0
                 0
                    0
                         0
                            0
                                 0
                                     0
                                         0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
0.043 0 0
            0
                 0
                     0
                         0
                            0
                                 0
                                     0
                                         0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                         0
                                                                            0
                   0
                                                           0
                                                                           0
       0
               0
                       0
                           0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                               0
                                                                   0
    0.043 0
             0
                 0
                     0.043 0
                               0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0.043 0
                                                                    0
                                                                            0
0.043 0
                         0
                                                                 0
                                                                            0
             0
                 0
                     0
                             0
                                 0
                                     0
                                         0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
*0.565 0
          0
              0
                  0
                      0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                      0
                                                          0
                                                              0
                                                                  0
```

```
0
                          0
                                 0
                                    0
                                        0
                                           0
                                              0 0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0.043 0
                                     0
                                         0
                                             0
                                                0
                                                   0
                                                       0
 352 352:000101 119:000035
                        + 0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
             0.071 0
                            0
                              0 0
                                    0
                                        0
                                                0
0
      0
                     0
                       0
                                           0
                                                  0
                                                       0
0
   0
      0
             0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
          0
                    0
0
   0
      0
         0
             0
                       0
                                 0.071 0
                0
                    0
                          0
                              0
                                         0
                                             0
                                                0
0
   0
      0
         0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
0
   0
      0
         0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
0
                   *0.071 0
                                                           0.071 0
   0
      0
         0
             0
                0
                            0
                                0
                                   0
                                       0
                                          0
                                             0
                                                 0
                                                    0
0
   0
      0
          0
             0
                0
                   0
                       0
                                    0
                                                  0
                                                        0
                                                            0
                          0
                              0
                                 0
                                        0
                                           0
                                              0
                                                     0
0
      0.071 0.071 0
   0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                  0
0
   0
      0
          0
             0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                            0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                            0
                                                               0
0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                     0
      0
   0.071 0
          0
              0
                 0 0
                       0 0
                              0 0
                                     0 0
                                             0
                                                0
                                                  0
                                                       0
             0
                0
                   0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
0.071 0
        0
          0
              0
                  0
                     0
                       0
                            0
                               0
                                   0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                             0
                   0
                       0
                          0.071 0
                                   0
                                      0
                                         0
                                                0
                0
0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                               0
0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
      0
              0
                 0
                     0
                        0.071 0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
0
   0.071 0
          0
                                                            0
                                                               0.071
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0.071 0
                                                       0
                                                   0
0
   0
      0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0.071 0
                                           0
                                               0
                                                   0
                                                       0
 353 353:000101 215:000062 + 0
                              0
                                 0.006 0 0
                                            0 0
                                                  0 0
                                                          0.007 0 0
                             0.008 0.01 0
                                          0 0.008 0
0.006 0.008 0 0 0 0 0 0
                                                         0.008 0.008
     0.008 0
              0
                 0 0.008 0
                              0
                                 0
                                    0
                                        0
                                           0.008 0
                                                   0.008 0
      0.008 0 0.008 0 0
                              0
                                 0
                                    0
                                       0
                                           0.008 0
                                                  0 0
                                                          0.008
0.008 0 0
          0.007 0 0 0 0.007 0.007 0
                                      0
                                           0.007 0.008 0
                                                        0
                                                          0.008 0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0
                                          0.800.0
                                                     0.008 0
                                                  0
                0.008 0.008 0 0 0.008 0
0.008 0.008 0
                                           0 0
                                                   0
                                                          0.007 0.008
  0
      0
         0
             0
                0
                   0
                       0
                          0.008 0 0.008 0 0
                                                 0.007 0
                                                          0.007 0
0.007 0.008 0
                                                  0.008 0
             0
                0
                   0.008 0
                            0
                              0
                                  0
                                     0
                                         0 0 0
   0
      0
                          0 0.008 0 0.008 0 0 0.007 0
                                                             0.007 0
         0
             0
                0
                    0
                       0
                                                          0
      0.008 0.008 0
                             0 0 0 0 0.008 0 0.008 0.008 0
                       0
                          0
      0.01 0.008 0
                   0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
           0.008 0
                   0.008 0 *0.011 0.008 0
                                                  0 0 0.007 0
                                         0
                                            0 0
   0.008 0
           0.008 0.007 0 0 0 0
                                  0
                                            0.007 0 0.007 0 0.008 0
                                     0
                                         0
   0.008 0.008 0.008 0 0 0 0.008 0
                                         0.008 0 0
                                                    0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                         0
                                                  0.006 0.008 0 0
                                            0 0
          0 0 0.008 0 0.006 0 0
                                         0
                                                0
                                                   0
                                                      0
                                                          0.007 0 0
   0 0
         0 0 0.007 0 0 0 0.008 0 0 0
                                                 0.008 0
                                                          0
0.008 0.007
      0
         0
             0 0 0.008 0 0.008 0 0 0 0.007 0 0.008 0
```

```
0.008 0
        0.008 0 0
                    0
                        0.008 0 0.008 0.008 0 0
                                                  0.008 0
                                                          0.008 0.008 0
0.008 0 0
           0.008 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0.008 0
                                                  0
                                                     0.006 0
                                                             0
                                                                 0
      0.008 0.007 0
                    0
                        0
                           0.007 0 0 0
                                           0
                                             0
                                                  0
                                                     0
                                                        0
                                                            0
          0.008 0.008 0.008 0
   0
      0
                             0
                               0
 354 354:000101 34:0000095
                         + 0
                              0
                                  0 0 0
                                            0
                                              0.008 0.006 0.008 0
0.006 0 0
               0.008 0
                       0 0 0.007 0.006 0
                                            0
                                                0.004 0
                                                        0.006 0
      0.007 0
                   0.008 *0.013 0 0 0 0
                                               0.006 0.006 0 0 0 0
               0
                                           0
       0
          0.006 0
                   0
                      0
                         0
                            0
                                0.004 0.006 0.008 0
                                                   0.008 0.006 0
   0.006 0
            0
               0
                   0
                      0.008 0 0.006 0
                                       0
                                           0
                                              0 0.013 0 0 0
                                                                 0.008
0.006 0 0
            0
               0
                   0
                      0
                         0
                             0
                                0
                                    0
                                           0.008 0
                                                    0.01 0.008 0
                                       0
   0 0
          0.008 0
                             0
                                    0
                                       0.006 0 0
                                                    0.006 0
                   0
                      0
                         0
                                0
       0.004 0 0.008 0.006 0.006 0
                                    0
                                       0
                                           0.004 0.006 0
                                                            0.006 0
0.006 0 0
            0 0.008 0.008 0 0.006 0.006 0.008 0.007 0.006 0.006 0.008
   0.008 0
            0.004 0
                    0 0.007 0 0.008 0 0.01 0.007 0
                                                     0 0
      0.006 0.008 0
                    0.006 0.007 0.006 0 0 0 0.006 0
                                                     0.004 0
                                                               0.007 0
   0.004 0
               0.008 0
                       0.006 0
                               0.008 0
                                        0
                                            0.006 0 0
                                                        0.008 0.008
0.006 0
       0
            0
               0
                 0.006 0 0 0 0 0.006 0 0.006 0 0
0.008 0.006 0.008 0
                  0
                      0
                        0
                             0
                               0
                                    0
                                      0.006 0
                                               0
                                                   0
                                                      0.008 0.006 0.008
                                                0.008 0
                                      0
   0.013 0
            0.008 0
                    0
                       0
                           0
                               0
                                  0
                                         0
                                             0
                                                        0
                                                            0
                                                                0.006 0
   0.006 0
            0.006 0
                    0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                    0.006 0
                                             0.004 0
                                                      0
                                                         0
                                                             0.01 0
           0.008 0.006 0 0.006 0.006 0
                                      0.006 0
                                               0
                                                   0.008 0.006 0
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0.008 0
           0 0.008 0.004 0
        0
                             0
                                0 0.004 0
                                            0.008 0
                                                     0.008 0
                                                              0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                  0.008 0 0
                                              0
                                                  0.008 0
                                                          0
                                             0.008 0.004 0.006 0.006 0
            0.004 0
                    0.006 0.008 0
                                     0
                                        0
  0 0.006 0 0
                 0 0
                         0.006 0
                                  0
                                      0.006 0
                                              0
                                                  0
                                                     0.008 0
                                                              0.004
0.004 0.006 0.004 0
                 0.008 0
                                  0.008 0
                                              0
                                                  0
                                                     0
                                                         0.006 0 0.008
                           0
                              0
                                           0
 355 355:000101 215:000062
                         + 0
                               0
                                  0.006 0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0.007 0
                                                            0.008 0.008
0.006 0.008 0 0 0
                                               0
                                                   0.008 0
                    0 0
                           0
                               0.008 0.01 0
                                            0
      0.008 0
               0 0.008 0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0.008 0
      0.008 0
               0.008 0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0
                                                         0
                                                            0
                                                                0.008
       0
           0.007 0
                    0
                        0 0.007 0.007 0
                                             0.007 0.008 0 0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0
                                            0.008 0
                                                    0
                                                       0.008 0
                 0.008 0.008 0
                              0
0.008 0.008 0
             0
                                 0 800.0 0
                                              0
                                                  0
                                                     0
                                                            0.007 0.008
   0
      0
          0
             0
                 0
                    0
                        0
                           0.008 0 0.008 0 0
                                                   0.007 0
                                                            0.007 0
0.007 0.008 0
             0
                 0
                    0.008 0
                             0
                               0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0.008 0
                               0.008 0
                                       0.008 0 0
                                                   0.007 0
                                                                0.007 0
0
   0
      0
          0
             0
                 0
                    O
                        0
                           0
                                                           0
                        0
                              0 0 0 0.008 0 0.008 0.008 0
      0.008 0.008 0
                    0
                           0
      0.01 0.008 0
                    0.800.0 800.0
                                 0
                                    0
                                        0.008 0.008 0.007 0.008 0
0
   0
0.008 0
       0
            0.008 0
                    0.008 0 *0.011 0.008 0
                                           0
                                              0
                                                  0
                                                         0
   0.008 0
            0.008 0.007 0 0
                             0 0
                                    0 0
                                           0
                                              0.007 0 0.007 0
                                                                0.008 0
   0.008 0.008 0.008 0 0 0
                                 0.008 0
                                           0.008 0
                                                       0.008 0
                                                               0.007 0
0.008 0 0.008 0 0 0.007 0.008 0
                                 0.008 0
                                           0 0 0 0.006 0.008 0 0
```

```
0.008 \ 0 \ 0 \ 0 \ 0.008 \ 0 \ 0.006 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0
                                                            0.007 0 0
         0
             0
                0.007 0 0 0 0.008 0 0
                                            0 0
                                                   0.008 0
0.008 0.008 0.007 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                           0.008 0.007
                                                    0.008 0 0 0
                    0.008 0 0.008 0 0 0 0.007 0
          0 0 0
       0.008 0
                       0.008 0
                               0.008 0.008 0 0
0.008 0
                 0
                    0
                                                 0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                    0
                       0 0 0 0 0 0.008 0
                                                 0
                                                     0.006 0 0 0
   0 0.008 0.007 0
                       0 0.007 0 0 0 0 0
                    0
                                                 0
                                                     0
                                                        0
                                                            0
          0.008 0.008 0.008 0
                            0
 356 356:000101 215:000062 + 0
                              0 0.006 0 0 0
                                                    0 0
                                                           0.007 0 0
0.006 0.008 0 0 0 0 0 0
                              0.008 0.01 0
                                           0 0.008 0
                                                           0.008 0.008
      0.008 0 0 0 0.008 0
                                            0.008 0
                                                     0.008 0
                              0
                                  0
                                     0
                                        0
      0.008 0 0.008 0
                       0 0
                              0
                                  0
                                     0
                                         0
                                            0.008 0
                                                     0
                                                        0
                                                           0.008
0.008 0 0
          0.007 0 0 0 0.007 0.007 0
                                       0
                                            0.007 0.008 0
                                                         0
                                                            0.008 0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0
                                           0.008 0
                                                    0 0.008 0
0.008 0.008 0
             0
                 0.008 0.008 0 0 0 0.008 0 0
                                                    0
                                                        0
                                                           0.007 0.008
             0
                 0
                    0
                       0
                           0.008 0 0.008 0 0
                                                   0.007 0
                                                            0.007 0
0.007 0.008 0
                    0.800.0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.008.0
             0
                 0
                                                            0 0
                           0 0.008 0 0.008 0 0 0.007 0
   0
      0
          0
             0
                 0
                        0
      0.008 0.008 0
                       0 0 0 0 0 0.008 0 0.008 0
                    0
                    0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
      0.01 0.008 0
0.008 0 0
           0.008 0 0.008 0 *0.011 0.008 0
                                          0
                                             0 0 0 0
                                                           0.007 0
           0.008 0.007 0 0 0 0 0
                                          0
                                              0.007 0 0.007 0 0.008 0
   0.008 0.008 0.008 0 0 0 0.008 0
                                          0.008 0 0
                                                     0.008 0
                                                               0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                                    0.006 0.008 0
                                          0
                                             0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                                 0
                                                     0
                                                           0.007 0 0
                                          0 0
                                                       0
          0 0 0.007 0 0 0 0.008 0 0 0
                                                   0.008 0
                                                           0.008 0.007
0.008 0.008 0.007 0
                  0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                       0
                0
                    0.008 0 0.008 0 0 0 0.007 0
             0
                                                    0.008 0
0.008 0 0.008 0
                0
                    0
                       0.008 0 0.008 0.008 0 0 0.008 0 0.008 0.008 0
0.008 0 0
          0.008 0
                       0 0 0 0 0 0.008 0
                                                     0.006 0
                    0
                                                 0
                           0.007 0 0 0 0 0
      0.008 0.007 0
                    0
                       0
                                                 0
                                                     0 0 0 0 0
          0.008 0.008 0.008 0
                             0
 357 357:000102 357:000102
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
                                                                 0
                                                                    0
0
   0
      0
          0
             0
                 0
                    0
                        0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
                           0
   0
       0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
0.043 0
        0
           0
               0
                 0
                      0
                        0
                             0
                                0
                                    0
                                      0
                                           0
                                             0
                                                 0
                                                        0.043 0
                                                                    0
                        0
                                     0
                                                   0
0
   0
      0
          0
             0
                 0
                    0
                           0
                               0
                                  0
                                         0
                                            0
                                                0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0
      0
             0
                    0
                           0
                                         0
                                                              0
                                                                 0
   0
          0
                 0
                        0
                               0
                                  0
                                     0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
0
   0
          0
                        0
                                                                 0
      0
             0
                 0
                    0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
```

```
0 0
                            0 0
                                  0 0
                                         0
                                             0
                                                    0.043 0
      0.043 0
               0
                   0
                     0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                      0
                                                                0
                             0
                                 0
                                    0
                                           0
             0 0
      0
          0
                    0 0
                            0
                              0 0
                                     0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
               0
                  0.043 0 0
                              0
                                  0
                                      0
                                         0
                                             0
                                                0
   0.043 0
                                                    0.043 0
0.043 0
            0
               0
                   0 0 0
                             0
                                 0 0
                                       0 0
                                               0
                                                  0
                                                      0
                                                         0
                                                                    0
                 0
                   *0.565 0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
              0
0
   0
                     0
                        0
                            0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
       0
                               0
                            0
                               0.043 0
                                                  0
                                                         0
       0
                 0
                     0
                        0
                                        0
                                           0
                                               0
                                                      0
 358 358:000102 358:000102
                                                0
                                                    0
                                                       0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
   0
0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                    0
                            0
                                  0
                                          0
                                                 0
                                                        0
                                                               0
                                                                  0
                 0
                        0
                               0
                                      0
                                             0
                                                    0
                                                           0
0
   0
          0
                        0
                               0
                                      0
                                          0
                                             0
                                                    0
                                                           0
                                                                  0
      0
              0
                 0
                    0
                            0
                                  0
                                                 0
                                                        0
                                                              0
0
   0
                        0
                                                                  0
      0
          0
              0
                 0
                    0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                              0
                                                                  0
0
   0
          0
                        0
                                      0
                                                    0
                                                                  0
      0
              0
                 0
                    0
                            0
                               0
                                  0
                                          0
                                             0
                                                 0
                                                        0
                                                           0
                                                              0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                              0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                          0
                                             0
                                                    0
                                                        0
                                                           0
                                                                  0
                                                 0
                                                               0
0
   0
      0
                     0
                        0
                                   0
                                      0
                                          0
                                                 0
                                                        0
          0
              0
                 0
                            0
                               0
                                             0
                                                    0
                                                           0
                                                               0
                                                                  0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0.071 0
0
   0
      0
              *0.929 0
          0
                       0
                          0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                             0
0
   0
      0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
                                                           0
                                                               0 0
   0
                 0
                     0
                                      0
                                             0
                                                 0
       0
          0
              0
                        0
                            0
                               0
                                   0
                                          0
                                                    0
                                             0 0 0 0 0.007 0
 359 359:000103 215:000062
                         + 0
                               0
                                   0.006 0 0
0.006 0.008 0 0
                0 0
                       0
                           0
                               0.008 0.01 0
                                            0 0 0.008 0 0.008 0.008
      0.008 0 0 0 0.008 0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0.008 0
   0
      0.008 0 0.008 0 0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0 0
                                                            0.008
          0.007 0 0 0 0.007 0.007 0
0.008 0 0
                                             0.007 0.008 0
                                                          0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0
                                            0.008 0 0 0.008 0
0.008 0.008 0
                 0.008 0.008 0 0 0 0.008 0 0
             0
                                                     0
                                                            0.007 0.008
  0
      0
                        0
                           0.008 0 0.008 0 0 0 0.007 0
                                                             0.007 0
         0
              0
                 0
                    0
0.007 0.008 0
             0
                    0.008 0
                             0
                                    0
                                      0
                                           0 00 0 0.008 0
                 0
                               0
   0
      0
          0
              0
                     0
                              0.008 0 0.008 0 0 0.007 0
                                                            0 0.007 0
                 0
                        0
                            0
      0.008 0.008 0
                                     0 0.008 0 0.008 0.008 0
                            0
                              0
                                  0
   0
      0.01 0.008 0
                    0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
            0.008 0
                    0.008 0 *0.011 0.008 0
                                           0
                                              0 0 0 0 0.007 0
   0.008 0
            0.008 0.007 0 0 0 0 0
                                          0
                                              0.007 0 0.007 0 0.008 0
```

```
0.008 0.008 0.008 0 0 0
                                   0.008 0
                                           0.008 0
                                                    0
                                                        0.008 0 0.007 0
0.008 0
        0.800.0
                 0
                    0.007 0.008 0
                                   0.008 0
                                           0
                                               0
                                                  0
                                                      0.006 0.008 0
           0 0
                  0.008 0 0.006 0
                                    0 0
                                            0
                                               0
                                                      0
                                                          0
                                                             0.007 0 0
                 0.007 0 0 0 0.008 0 0
                                                     0.008 0
      0
          0
              0
                                             0
                                                 0
                                                             0
                                                                 0
                   0.006 0.011 0.008 0.006 0
                                          0.008 0.008 0
0.008 0.008 0.007 0
                                                             0.008 0.007
                     0.008 0
                            0.008 0
                                      0 0 0.007 0
          0
              0
                 0
                                                      0.008 0
                                                              0
0.008 0
        0.008 0
                 0
                     0
                        0.008 0 0.008 0.008 0
                                               0
                                                   0.008 0
                                                           0.008 0.008 0
0.008 0
        0
           0.008 0
                            0
                               0
                                   0
                                      0
                                          0.008 0
                                                   0
                                                      0.006 0
                     0
                        0
                                                               0 0
                            0.007 0 0 0 0
                                              0
                                                   0
                                                      0
      0.008 0.007 0
                     0
                        0
                                                          0
                                                             0
                                                                 0 0
          0.008 0.008 0.008 0
                             0
                                 0
                                      0 0 0 0.006 0
 360 360:000103 20:0000052
                                                         0.006 0
                          + 0
                               0
                                   0
   0
       0.006 0
               0
                  0
                       0
                         *0.294 0
                                   0
                                       0.006 0
                                                0
                                                   0
                                                       0.006 0
0
   0
       0.006 0
               0
                   0
                       0
                         0 0
                                0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
              0.006 0
                      0.006 0 0.006 0
                                        0
                                            0.006 0
          0
                                                    0
                                                        0
                                                            0
0.006 0 0
           0
               0
                  0
                       0
                         0
                              0
                                 0
                                     0
                                       0.006 0
                                                 0
                                                     0
                                                        0
                                                            0
              0.006 0
                      0
                         0.006 0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                     0.006 0
                                      0 0.006 0 0.006 0
0
              0
                0 0
                       0
                            0
                               0
                                   0
                                                           0
                                                               0
           0
               0
                  0
                      0
                         0
                              0
                                0
                                     0
                                        0.006 0.006 0
                                                      0 0
                                                             0.006 0.006
          0.006 0 0.006 0 0.006 0
                                     0
                                        0
                                            0
                                               0.006 0
                                                       0
                                                           0
              0
                 0 0.006 0
                             0 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                       0 0.006 0
       0
               0.006 0
                        0 0
                               0.006 0
                                                   0
                                                      0.006 0.006 0
   0.006 0
            0
                                        0
                                            0
                                               0
                 0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
0.006 0
        0
           0
               0
                 0 0 0 0
                                0 0 0
                                            0.006 0
                                                     0.006 0
                                                             0
0.006 0
                      0
                              0
                                     0.006 0
                                              0
               0
                  0
                         0
                                 0
                                                     0
                                                        0
                                                            0
                                   0.006 0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                               0
                                            0
                                               0
                                                   0
                                                       0.006 0.006 0
0
   0
       0
          0
              0
                 0
                     0.006 0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                       0.006 0
                                                               0
0
   0
       0
          0
              0.006 0
                      0
                         0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                             0
                                                                0
                                     0.006 0.006 0
0
       0
                 0
                     0.006 0
                              0
                                 0
                                                   0
                                                      0
                                                          0.006 0
            0.006 0
                     0
                        0
                           0
                               0
                                   0.006 0
                                            0
                                              0
                                                            0
0
   0.006 0
                                                   0.006 0
                                                              0
                                                                   0.006
                                          0.006 0
                                                             0.006 0.006
       0
              0
                 0.294 0
                         0
                              0.006 0
                                      0
                                                   0
                                                      0
                                                          0
0
   0
       0
          0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0.006 0
0.006 0.006 0
             0.006 0
                      0.006 0
                                      0.006 0
                                              0
                                                      0
                               0
                                   0
                                                   0
0.006
 361 361:000103 28:0000081
                          + 0
                                0
                                   0
                                       0
                                          0
                                              0
                                                 0
                                                     0
                                                        0
                                                            0
          0
              0
                 0
                     0
                        0
                            0
                                0
                                   0
                                       0
                                          0
                                              0.008 0
                                                      *0.057 0.008 0
0.008 0 0 0
               0.008 0
                        0
                            0
                               0
                                   0
                                      0.008 0
                                               0.008 0
                                                        0
                                                            0
0.008 0 0.008 0
                 0
                     0
                        0
                            0
                                0
                                   0
                                      0.057 0
                                               0
                                                   0
                                                      0
                                                         0.008 0
                                0.057 0
                                        0 800.0
0
   0
          0
              0
                 0
                     0
                        0
                            0
                                                    0
                                                        0
                                                            0.008 0
                             0
                                          0
                                             0.008 0
       0.008 0.008 0
                     0.008 0
                                 0.008 0
                                                      0
                                                          0
                                                             0
                                                                0.008 0
0
       0.008 0
                       0
                              0
                                 0.008 0
                                             0
                                                    0
                                                            0
                                                               0
                                                                   0.008
               0
                   0
                                          0
                                                0
                                                        0
                          0
0
   0.008 0
               0
                   0
                       0
                              0
                                 0
                                     0
                                        0.057 0
                                                 0
                                                     0
                                                        0.008 0
            0
                          0
0
       0
         0
              0
                0.008 0
                              0
                                     0
                                            0
                                              0 0
                                                     0 0
                                                             0
                                                                     0
                          0
                                 0
                                                                 0
0
   0.008 0
            0
               0
                   0
                          0
                              0
                                 0
                                     0
                                        0.008 0.008 0
```

0.008 0

0.008 0.008 0

0 0

0.008 0 0 0 0

```
0.008 0.008 0
           0.057 0 0 0.008 0 0 0.008 0 0.008 0
                                                   0
                                                       0.057 0
         0
                0
                   0
                      0.008 0
                              0.008 0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                        0
                                                           0
                                                              0
              0 0.008 0 0.008 0
                                     0
                                         0
                                            0
                                               0
                                                  0.008 0
0
             0
                0.008 0 0 0
                              0
                                 0
                                     0
                                         0
                                           0
                                               0
                                                   0
                                                      0
                                                        0.057 0 0
0
   0
                0.008 0
                       0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                        0.008 0.008 0
0
   0
      0
                   0 0 0 0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                    0
             0
         0.008 0 0 0.008 0
                             0
                                0
                                    0
                                       0
                                          0
                                             0
                                                 0
                                                    0
                                                        0
   0.008 0
          0 0 0 0 0.008 0
                                0
                                    0
                                       0.008 0 0.008 0
                                                              0.008
                                                       0
                                                           0
   0.008 0.008 0 0 0.008 0
                           0.057 0.008 0
                                        0.008 0
                                                0
0
         0.008 0 0 0 0 0 0 0 0
                                           0.008 0
                                                    0
                                                        0
                                                           0
             0 0 0 0
                          0
                             0 0 0 0
                                          0.008 0.008 0.008 0 0
 362 362:000103 215:000062
                       + 0
                             0
                                0.006 0 0
                                           0 0
                                                 0 0
                                                         0.007 0
0.006 0.008 0 0
                0 0 0
                         0
                             0.008 0.01 0
                                         0
                                             0 800.0
                                                        0.008 0.008
      0.008 0
              0 0.008 0
                                    0
                                          0.008 0
                                                  0.008 0
                             0
                                0
                                       0
      0.008 0
              0.008 0
                      0 0
                             0
                                0
                                    0
                                       0
                                          0.008 0
                                                  0
                                                      0
                                                         0
                                                            0.008
          0.007 0 0
                      0 0.007 0.007 0
                                          0.007 0.008 0
                0 0 0.01 0.008 0.008 0
0.008 0.008 0.008 0
                                         0.008 0
                                                 0 800.0
0.008 0.008 0
             0
                0.008 0.008 0
                            0 0.008 0
                                           0 0
                                                  0
                                                         0.007 0.008
                          0.008 0 0.008 0 0
      0
         0
             0
                0
                   0
                       0
                                                 0.007 0
                                                         0.007 0
0.007 0.008 0
             0
                0
                   0.008 0
                           0 0
                                  0
                                    0
                                         0
                                           0 0
                                                  0.008 0
0
   0
      0
                            0.008 0 0.008 0 0
                                                 0.007 0
         0
             0
                0
                   0
                       0
                          0
                                                            0.007 0
      0.008 0.008 0
                       0
                          0 0 0 0 0 0.008 0 0.008 0
      0.01 0.008 0
                   0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0
                   0.008 0 *0.011 0.008 0
           0.008 0
                                         0
                                           0
                                               0
   0.008 0
           0.008 0.007 0 0 0 0 0
                                            0.007 0 0.007 0 0.008 0
                                         0
   0.008 0.008 0.008 0 0 0
                               0.008 0
                                        0.008 0 0
                                                    0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                        0
                                            0 0
                                                  0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0
                                  0 0
                                         0
                                            0
                                               0
                                                  0
                                                         0.007 0 0
               0.007 0 0 0 0.008 0 0
                                          0 0
                                                 0.008 0
         0
             0
0.008 0.008 0.007 0
                 0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                    0
                                                         0.008 0.007
         0
             0 0
                   0.008 0 0.008 0 0 0 0.007 0
                                                  0.008 0
                                                          0 0
       0.008 0
                       0.008 0
                              0.008 0.008 0
                                           0
                                               0.008 0 0.008 0.008 0
0.800.0
                0
                   0
0.008 0 0 0.008 0
                   0
                       0
                          0 0 0 0 0.008 0
                                               0
                                                  0.006 0
                                                          0 0
   0 0.008 0.007 0
                   0
                       0
                          0.007 0 0 0 0
                                           0
                                               0
                                                  0 0
                                                        0
                                                            0 0
         0.008 0.008 0.008 0
                           0
 363 363:000104 168:000049 + 0
                             0 0 0.017 0
                                           0 0.004 0.006 0.004 0
              0.004 0 0 0
                             0 0.006 0
                                        0
                                            0.013 0 0.006 0 0.004 0
             0.004 0 0.012 0
                            0 0
                                   0 0.006 0.006 0 0
                 0 0 0.013 0.006 0.004 0 0.004 0.006 0
   0.006 0
              0
                                                       0.004 0
0.006 0 0
              0 0.004 0 0.006 0 0 0
                                           0
                                                  0 0
                                                         0.004 0.006
          0
                                               0
                   0 0
                          0
                            0 0 0.004 0
                                           0
                                               0.004 0
   0.004 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.006 \ 0 \quad 0.006 \ 0 \quad 0.012 \ 0.006 \ 0
0.004 0 0.004 0.006 0.006 0 0 0 0.013 0.006 0
                                            0 0.006 0
   0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
                                                            0.004
```

```
0.017 0.013 0 0 0 0.012 0.004 0 0 0 0 0 0 0 0 0 0 *0.046 0
0.006\ 0.004\ 0\quad 0.006\ 0\quad 0.006\ 0\quad 0\quad 0.006\ 0\quad 0.004\ 0.017\ 0\quad 0\quad 0
0.013 0 0 0.004 0 0.006 0 0.004 0 0 0.006 0 0 0.004 0.004 0.006 0
0 0 0 0.006 0 0 0.012 0 0 0.006 0 0.006 0 0 0 0 0 0.004
0.006 0.004 0 0 0.017 0
                             0
                                 0.006 0 0
                       0 0
                                           0 0.004 0.006 0.004 0
\begin{smallmatrix} 0 & 0 & 0.004 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.004 & 0 & 0 & 0.006 & 0 & 0 \\ \end{smallmatrix}
0.006 0 0.006 0 0 0 0 0 0
                                  0 0 0 0.004 0 0
0.004 0.004 0 0.006 0 0 0.006 0 0.006 0 0.013 0.012 0.012 0
                                                         0 0 0
   0 0.004 0.006 0 0.006 0.006 0 0.006 0
                                        0
                                          0.004 0.006 0 0.006 0.006
0.006 0 0
          0.006 0.006 0
                      0 0 0 0
                                   0
                                        0
                                          0
                                              0
                                                 0
                                                    0
   0 0.004 0.013 0 0 0.012 0.013 0 0.004 0
                                           0.004 0
                                                  0.004 0
   0.006 0.004 0 0 0 0.004 0 0 0 0.004 0 0
                                                  0 0.006 0
          0.006 0.004 0
                                 0.004 0.013 0.006 0.006 0
   0.013 0
                      0 0
                             0
                                                       0
                                          0.004 0 0.013 0.013 0.006
0.006 0
       0 0 0 0.006 0 0 0.006 0 0
                             0.012 0 0 0 0.006 0 0.004
0.013 0
       0.004 0
                   0 0.004 0
               0
 364 364:000105 215:000062
                       + 0
                             0
                                0.006 0
                                       0
                                          0 0
                                                 0 0 0.007 0
0.006 0.008 0 0 0 0 0 0
                            0.008 0.01 0 0 0 0.008 0 0.008 0.008
      0.008 0 0 0.008 0
                            0
                                0
                                   0
                                      0
                                         0.008 0
                                                 0.008 0 0
      0.008 0 0.008 0
                      0 0
                             0
                                0
                                   0
                                      0
                                         0.008 0
                                                 0 0
          0.007 0 0 0 0.007 0.007 0
                                         0.007 0.008 0 0
                                                         0.008 0
                                     0
0.008 0.008 0.008 0
                0 0 0.01 0.008 0.008 0
                                         0.008 0
                                                   0.008 0
                                                0
0.008 0.008 0
                0.008 0.008 0 0 0 0.008 0
                                          0 0
                                                 0
   0
      0 0
            0
                0
                   0
                      0 0.008 0 0.008 0 0 0 0.007 0
                                                        0.007 0
                                 0
                                           0 0
                                                 0.008 0
0.007 0.008 0
            0
                0
                   0.008 0
                           0
                             0
                                    0
                                        0
   0
                         0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
0
      0
         0
            0
                0
                   0
                      0
      0.008 0.008 0
                   0
                      0 0
                            0 0 0 0.008 0 0.008 0.008 0
      0.01 0.008 0
                  0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
                   0.008 0 *0.011 0.008 0
          0.008 0
                                        0
                                          0 0 0 0 0.007 0
0 800.0
           0.008 0.007 0 0 0 0
                                           0.007 0 0.007 0 0.008 0
                                    0
                                        0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                                   0.008 0
                                        0.008 0 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                        0
                                          0 0
                                                 0.006 0.008 0 0
                0.008 0 0.006 0
          0 0
                                 0
                                    0
                                        0
                                                 0
                                                        0.007 0
0 0 0 0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
0.008 0.008 0.007 0
                0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                       0.008 0.007
0 0 0
                   0.008 0 0.008 0
                                  0 0
                                         0.007 0
                                                 0.008 0
         0
            0 0
                                                         0 0
0.008 0 0.008 0 0
                      0.008 0 0.008 0.008 0 0
                                             0.008 0 0.008 0.008 0
                   0
0.008 0 0
          0.008 0
                   0
                      0 0 0 0 0 0.008 0
                                              0
                                                 0.006 0 0 0
  0 0.008 0.007 0
                   0
                      0
                         0.007 0 0 0 0 0
                                              0
                                                 0 0
                                                       0 0 0
         0.008 0.008 0.008 0
                           0
                             0
 365 365:000105 8:0000019
                       + 0
                            0
                               0 0 0 0 0.006 *0.035 0.006 0
         0.006 0
                    0
                           0
                              0
                                 0
                                    0.006 0 0
                                                0 0.006 0
                       0
      0.006 0 0
                0
                    0
                                 0
                                    0 0 0 0 0 0 0 0.035 0
                       0
                           0
                              0
         0 0.006 0 0.006 0 0.006 0
                                    0
                                        0.006 0 0
                                                  0 0
0.006\ 0 0.035\ 0 0 0 0 0 0 0 0 0.006\ 0 0 0 0 0
```

```
0.006 0 0 0.006 0 0 0
                                           0 0
                                                  0 0.006 0
          0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0.006 0
                                                   0.006 0
                                                           0.035 0
      0.006 0 0
                 0 0.035 0
                             0
                                 0.035 0
                                         0
                                           0
                                                0.006 0.006 0
0.035 0.006 0.006 0
                 0
                     0
                       0.006 0
                                 0.006 0
                                         0.006 0
                                                 0
                                                    0
                                                        0
                                                           0.006 0
                    0
                       0
                          0
                              0
                                 0.035 0.006 0
                                                  0
   0.006 0 0 0 0.006 0
                              0
0
                                 0.006 0 0.035 0
                                                  0.006 0
   0.006 0.006 0
                0
                   0
                       0
                          0
                              0
                                 0
                                    0 0
                                           0 0
                                                  0
                                                     0
                                                        0
      0.006 0.035 0.006 0
                               0
                                     0
                                                          0.006 0
                        0
                            0
                                  0
                                         0
                                             0
                                                0
                                                   0 0
0.006 0 0 0 0.006 0 0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0.006 0
         0 0.035 0 0
                        0
                            0
                               0
                                  0
                                     0
                                         0
                                             0
                                                0
                                                    0.006 0
                                                               0
                                                            0
0.006 0.006 0 0
               0 0 0.035 0
                               0
                                  0
                                     0.006 0 0
                                                  0
                                                     0
0.006 0 0 0 0 0 0 0 0.006 0.035 0 0
                                                0 0.035 0
          0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                        0.006 0
                                                0
                                                       0.006 0.006 0
      0.006 0
              0.006 0
                       0.006 0
                              0.006 0
                                        0
                                           0
                                                  0 0.006 0 0 0
                                              0
              0.006 0
0.006 0 0
          0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0.006 0
                                                       0.035 0.006 0
          0.006 0.006 0
                          0
                                 0
                                    0
                                        0
                                           0
                       0
                              0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
          0.006 0
                  0.006 0.006 0.035 0.006 0 0.006 0
                                                 0
                                                     0
                                                        0.006 0 0
   0
      0
          0.035 0
                  0.006
 366 366:000105 34:0000095
                                    0
                                          0
                                              0.008 0.006 0.008 0
                        + 0
                              0
                                 0
                                        0
0.006 0 0 0
              0.008 0 0 0
                             0.007 0.006 0
                                           0
                                             0.004 0
                                                      0.006 0
      0.007 0
                  0.008 *0.013 0 0
                                  0
                                         0 0.006 0.006 0
              0
                                      0
                                                          Ω
          0.006 0
                        0 0
                              0.004 0.006 0.008 0 0.008 0.006 0
   0.006 0
           0
              0
                  0
                     0.008 0 0.006 0
                                      0
                                         0
                                            0 0.013 0 0 0
                                                               0.008
0.006 0
           0
              0
                  0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                         0.008 0
                                                  0.01 0.008 0
   0 0.008 0
                     0
                            0
                                   0
                                      0.006 0 0
                                                  0.006 0
                  0
                         0
                               0
                                                          0
      0.004 0 0.008 0.006 0.006 0
                                  0
                                      0
                                         0.004 0.006 0
                                                          0.006 0
0.006 0 0
          0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
                   0 0.007 0 0.008 0 0.01 0.007 0
   0.008 0
           0.004 0
                                                   0
      0.006 0.008 0
                   0.006 0.007 0.006 0
                                     0 0.006 0
                                                    0.004 0
                                                            0.007 0
   0.004 0
              0.008 0
                      0.006 0
                              0.008 0 0 0.006 0 0
                                                      0.008 0.008
0.006 0 0
           0
              0 0.006 0 0 0 0 0.006 0 0.006 0 0
                                                           0
0.008 0.006 0.008 0
                 0
                     0
                        0
                            0
                               0
                                   0
                                     0.006 0
                                              0
                                                  0
                                                    0.008 0.006 0.008
   0.013 0
           0.008 0
                    0
                      0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                              0.008 0
                                                             0.006 0
                                                       0
   0.006 0
           0.006 0
                              0
                                                  0.008 0
                    0
                       0
                          0
                                 0
                                    0
                                        0
                                           0
                                               0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                  0.006 0
                                            0.004 0
                                                           0.01 0
                                                    0
                                                       0
          0.008 0.006 0 0.006 0.006 0 0.006 0
                                                 0.008 0.006 0
                                              0
                                                               0.006
0.006 0.006 0 0 0.006 0.006 0 0 0
                                       0
                                           0
                                              0
                                                  0
                                                        0
                                                               0
                                                     0
                                                            0
0.008 0
          0 0.008 0.004 0 0 0 0.004 0
                                           0.008 0
                                                   0.008 0
                                                            0.008 0
0.006 0
        0.007 0.006 0.008 0 0 0
                                0.008 0 0
                                            0 0.008 0
                                                        0
                                                            0
0.006 0 0
          0.004 0 0.006 0.008 0
                                       0
                                           0.008 0.004 0.006 0.006 0
                                 0
                                    0
                                                            0.004
0 0.006 0
              0
                 0 0
                        0.006 0
                                 0
                                    0.006 0
                                            0
                                                0
                                                   0.008 0
0.004 0.006 0.004 0
                  0.008 0
                             0
                                 0.008 0
                                         0
                                            0
                                                0
                                                   0
                                                      0.006 0
                          0
                                                               0.008
 367 367:000105 14:0000032
                        + 0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                               0.008 0 0 0.008 0
0 *0.037 0 0 0 0 0 0.037 0 0
                                          0
```

```
0.008 0
           0 0.008 0
                           0
                              0
                                  0
                                     0
                                         0.008 0 0.008 0
                                                          0 0
           0.008 0
   0.008 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                          0.008 0
             0
                0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0.008 0
                                                    0.037 0.037 0.008 0
          0.008 0.008 0
                                   0.008 0
                                              0.008 0.037 0
0
   0
       0
                       0.008 0
                               0
                                            0
                                                            0 0.037
                                     0
                                         0.008 0
               0.008 0
                       0
                           0
                              0
                                  0
                                                 0
                                                     0
   0.008 0
                                     0
                                         0
                                            0 0 0
           0.008 0
                    0
                       0
                           0
                              0
                                  0
                                                       0
                                                          0
                                                             0.008 0
          0
             0
                0
                    0
                       0.008 0 0 0
                                      0 0
                                             0
                                                 0
                                                     0
                                                        0
0
   0.037 0
           0.008 0
                    0
                       0
                           0
                              0 0
                                     0
                                         0
                                            0
                                               0.008 0.008 0
0
          0.008 0 0.008 0.008 0
                                   0
                                             0 0.008 0 0
                               0
                                       0
                                          0
0
   0.008 0.008 0
                0
                    0
                       0 0.008 0 0
                                      0.008 0
                                              0.008 0 0
                                                           0
0
                    0
                       0.008 0 0.008 0
                                         0
                                            0
                                                0
                                                   0 0
      0.008 0 0 0.008 0 0.008 0 0
0
                                          0 00 0 0.008 0
                                                                 0.008
                 0.008 0
                        0 0
                               0.037 0
                                         0.037 0
                                                 0
                                                     0
                                                        0
                                                            0
0
               0 0.008 0
                              0
                                  0
                                     0
                                         0
                                            0
                                                   0
                                                       0
                                                          0
                                                             0
                                                                 0 0
   0.037 0
          0
                                                0
                       0
                           0
                              0
                                  0
                                     0
             0
                0 0
                                         0
                                            0
                                                0.037 0 0
                                                               0.008
           0 0
                 0.008 0 0
                              0.008 0.037 0
                                            0
                                               0.037 0
                                                        0
                                                           0
                                                               0
          0 0.008 0 0
                        0
                            0 0.008 0
                                            0
                                                0 800.0
                                                            0.008 0
0
   0.008 0
           0.008 0.008 0
                        0 0.008 0 0 0.008 0 0.008 0
                                                         0
                                                            0.037 0
0
                                                 0 0.008 0
                 0
                    0.008 0
                             0 0 0 0 0
                    0 0 0 0 0 0 0 0 0 0 0.008 0.008
0
   0
      0
             0
                 0
0
   0
      0
 368 368:000105 24:0000067
                        + 0.013 0 0 0 0
                                             0
                                                 0
0
                 0
                        0
                           0
                              0
                                  0 *0.142 0
                                              0
                                                 0
                                                     0
                                                         0
                                                                   0
                    0
0
   0
                                  0.013 0 0.142 0
          0
                        0
                           0
                               0
                                                   0
                                                       0.013 0
0
                      0
                               0 0 0 0 0
                                                 0
                                                    0 0.013 0
      0.013 0
               0
                  0
                        0
                             0
                                                                 0
0
   0
      0
          0
             0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0.013 0
                                                               0
                                                                   0
0
   0
      0
             0
                               0.013 0 0 0
                                                 0
          0
                 0
                    0
                        0
                           0
                                              0
                                                     0
                                                        0
0
   0
      0
          0
             0
                    0.142 0
                                    0
                                      0
                                          0
                                                 0
                                                        0
                                                                   0
                 0
                             0
                               0
                                              0
                                                     0
                                                            0
                                                               0
0
   0
          0
      0
             0
                 0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0.013 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                                0 0
                                                       0
                                                         0
                                                              0.013 0
0.013 0
               0
                      0
                                                     0.013 0
        0
           0
                  0
                         0
                             0
                                0
                                    0
                                      0
                                          0
                                              0
                                                 0
   0
          0
             0
                0.013 0
                        0.013 0 0
                                     0 0
                                            0 0
                                                   0
                                                      0.013 0
0.142 0
                      0
                                                        0
               0
                         0
                             0
                                0
                                    0
                                      0
                                          0
                                              0
                                                 0
                                                    0
                              0
                                     0
                                         0
                                            0.013 0
                                                        0.013 0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                                  0
                                                     0
0
      0
                                         0
                                            0
                                                   0
                                                       0
                                                          0.013 0
          0
             0
                    0
                           0
                               0
                                  0
                                     0
                                                0
0
   0
      0
          0
             0
                 0.013 0
                             0
                                0
                                    0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
                                                               0.013 0
                         0
0
   0
      0
          0
             0
                    0
                        0
                                  0
                                     0.013 0
                                                  0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0.013 0
                                                                   0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                                                       0
                                                          0.142 0
                               0
                                  0
                                      0
                                         0
                                            0
                                                0
                                                   0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0.013 0
   0
       0
          0
             0
                 0
                    0
                        0
                           0.013 0
                                    0
                                           0
                                                  0
                                                        0
                                                           0
                                       0
                                              0
                                                     0
 369 369:000106 119:000035
                         +
                           0
                               0
                                  0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
                                                                 0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                   0
                                                       0
                                                          0
                                                              0
                                                                 0
```

```
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                             0
0
                                             0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                                 0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                        *0.31 0
                                          0
                                              0
                                                  0
                                                          0
                                                               0
                                                                   0
                                                                      0.31
                    0
                                  0
                                      0
                                                      0
0
    0
        0
            0
                0
                                        0
                                            0
                                                     0
                                                         0
                                                             0
                                                                     0
                                                                         0
                                                                             0
                    0
                        0
                            0
                                0
                                    0
                                                 0
                                                                 0
0
    0
        0
            0
                0
                                                 0
                                                                 0
                                                                         0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                     0
                                                         0
                                                             0
                                                                     0
0
    0
        0
            0
                0
                    0
                            0
                                    0
                                            0
                                                 0
                                                     0
                                                             0
                                                                 0
                                                                     0
                                                                             0
                        0
                                0
                                        0
                                                         0
                                                                         0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                        0
                                            0
                                                 0
                                                     0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
                                    0
                                                         0
                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                0
                                                    0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
       0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
                                                 0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
            0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
        0
                0
0.071 0
          0
              0
                  0
                      0
                          0
                             0
                                  0
                                      0
                                          0
                                             0
                                                  0
                                                      0
                                                          0
                                                               0
                                                                   0
                                                                      0.31 0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
            0
                0
                    0
                        0
                                0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
 370 370:000106 99:0000295
                                0
                                    0
                                        0
                                            0
                                                0
                                                    0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
                0
                                    0
                                        0
                                            0
                                                0
                                                    0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
            0
                    0
                        0
                            0
                                0
0
                                    0
                                            0
                                                     0
                                                             0
                                                                     0.083 0
    0
        0
                            0
                                0
                                        0
                                                 0
                                                         0
                                                                 0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
                0.029 0
                          0
                             0
                                  0
                                      0
                                          0
                                             0
                                                  0
                                                          0
                                                                   0
                                                                      0
                                                                           0
            0
                                                     0
                                                             0
0
    0
        0
            0
                        *0.401 0
                                   0
                                       0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                   0
                                                                       0
                0
                    0
0
    0
        0
                                            0
                                                 0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                             0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                                    0
                                                                         0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                        0
                                0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
                    0
                            0
                                    0
                                        0
                                                 0
                                                     0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                        0
                                            0.029 0
                                                      0
                                                           0
                                                               0
                                                                   0
                                                                           0
                                    0
                                                                       0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                    0
                                                             0
                                                                             0
                                0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                                 0
                                                                     0
                                                                         0
0
    0
       0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                    0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
                                                         0
                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                0
                                                    0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
        0
                                                0
    0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                    0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                    0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                             0
                                                                         0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
                                                                             0
0
    0
        0
            0
                0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0.401 0
0
                    0
                        0
                            0
                                0
                                    0
                                        0
                                            0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
    0
        0
            0
                0
                                                                         0
    0
                0.029 0 0
                             0
                                  0
                                     0
                                          0 0 0 0
                                                          0 0 0.029 0
        0
            0
 371 371:000107 34:0000095
                                                        0.008 0.006 0.008 0
                             + 0
                                    0
                                        0
                                           0 0
                                                    0
0.006 0 0
            0
                  0.008 0 0 0
                                    0.007 0.006 0
                                                    0 0.004 0
                                                                  0.006 0
                                                                            0.008
        0.007 0
                  0
                      0.008 *0.013 0
                                       0 0 0
                                                  0 0.006 0.006 0
0
    0
            0.006 0
                      0 0 0 0
                                      0.004 0.006 0.008 0 0.008 0.006 0 0.008
```

```
0.006 0
           0
             0 0
                    0.008 0 0.006 0
                                    0
                                        0 0 0.013 0 0 0 0.008
0.006 0 0
           0
              0
                0
                    0
                       0
                           0
                              0
                                 0
                                    0 800.0
                                                0.01 0.008 0 0
        0.008 0
                 0
                    0
                        0
                           0
                              0
                                 0
                                     0.006 0 0
                                                0.006 0
      0.004 0 0.008 0.006 0.006 0
                                 0
                                        0.004 0.006 0 0
0.006 0
                                    0
                                                        0.006 0
0.006 0
           0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.004 0
                   0 0.007 0 0.008 0 0.01 0.007 0 0
                                                    0
      0.006 0.008 0
                   0.006 0.007 0.006 0
                                    0 0.006 0
                                                  0.004 0
   0.004 0
              0.800.0
                      0.006 0
                             0.008 0 0 0.006 0 0
                                                    800.0 800.0
                0.006 0 0 0 0 0.006 0 0.006 0 0
0.006 0 0
           0
0.008 0.006 0.008 0
                0
                    0 0
                           0 0
                                 0 0.006 0
                                            0
                                                0 0.008 0.006 0.008
   0.013 0
           0.008 0
                   0 0 0 0
                                0
                                   0
                                      0
                                         0
                                             0.008 0
                                                     0
   0.006 0
           0.006 0
                   0
                      0 0
                            0 0
                                   0
                                      0
                                         0
                                             0
                                                0.008 0
                                                        0
                                                           0 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                 0.006 0
                                          0.004 0
                                                  0
       0 0.008 0.006 0 0.006 0.006 0 0.006 0
                                            0
                                               0.008 0.006 0
                                                            0.006
0.006 0.006 0 0 0.006 0.006 0 0 0
                                     0
                                         0
                                            0
                                                0
                                                   0
                                                      0
0.008 0
          0 0.008 0.004 0 0
                             0 0.004 0
                                         0.008 0
                                                 0.008 0
       0
                                                         0.008 0
0.006 0
       0.007 0.006 0.008 0 0 0
                               0.008 0 0 0 0.008 0
0.006 0 0
          0.004 0 0.006 0.008 0
                               0
                                   0 0
                                         0.008 0.004 0.006 0.006 0
  0 0.006 0 0 0 0
                                                 0.008 0
                       0.006 0
                                0
                                   0.006 0
                                           0
                                              0
0.004 0.006 0.004 0
                 0.008 0 0
                            0
                                0.008 0 0
                                           0
                                              0
                                                 0
                                                     0.006 0
                                                            0.008
 372 372:000107 168:000049
                                   0.017 0
                             0
                                0
                                           0 0.004 0.006 0.004 0
                       + 0
0.006 0 0 0 0.004 0 0
                            0
                                0.006 0
                                       0
                                           0.013 0 0.006 0 0.004 0
   0 0 0 0.004 0 0.012 0
                            0
                                0
                                   0 0.006 0.006 0 0 0 0 0
                 0 0 0.013 0.006 0.004 0 0.004 0.006 0
   0.006 0
              0
                                                      0.004 0
0.006 0 0 0 0.004 0 0.006 0 0 0
                                          0
                                              0 0 0
                                                       0.004 0.006
        0 0 0 0 0
                         0 0 0 0.004 0
                                          0
                                              0.004 0
                                                      0
          0 0 0 0 0 0 0.006 0 0 0.006 0
   0.004 0
                                                 0 0.012 0.006 0
0.004 0 0.004 0.006 0.006 0 0 0 0.013 0.006 0 0 0.006 0 0
     0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
                   0.012 0.004 0
0.017 0.013 0 0 0
                               0
                                  0 0
                                         0
                                            0 0
0.006 0.004 0 0.006 0 0.006 0 0 0.006 0 0.004 0.017 0 0
       0 0.004 0 0.006 0 0.004 0
                                   0
                                     0.006 0 0 0.004 0.004 0.006 0
   0 0 0.006 0 0 0.012 0 0 0.006 0 0.006 0 0 0 0
0.006 0.004 0 0 0.017 0
                      0 0 0 0.006 0 0
                                           0 0.004 0.006 0.004 0
      0.004 0 0 0 0
                           0
                             0 0 0 0.004 0
                                                0
                                                      0.006 0 0
                       0
                                                   0
0.006 \ 0 \ 0.006 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0.004 \ 0 \ 0
0.004 0.004 0 0.006 0 0
                       0.006 0
                               0.006 0
                                       0.013 0.012 0.012 0
                                                         0
      0.004 0.006 0 0.006 0.006 0
                               0.006 0
                                        0
                                           0.004 0.006 0 0.006 0.006
          0.006 0.006 0 0 0 0 0
0.006 0 0
                                        0
                                           0
                                              0 0 0
                                                           0.004 0
      0.004 0.013 0 0 0.012 0.013 0 0.004 0
                                           0.004 0
                                                  0.004 0
                                                           0.006 0
   0.006 0.004 0 0 0 0.004 0
                             0
                                 0 0.004 0
                                           0 0 0 0 0.006 0
                                 0.004 0.013 0.006 0.006 0 0
   0.013 0
           0.006 0.004 0 0 0 0
0.006 0
           0 0 0.006 0 0 0.006 0
                                    0 0 0.004 0 0.013 0.013 0.006
0.013 0
       0.004 0 0 0 0.004 0 0.012 0 0 0 0.006 0
```

```
373 373:000107 11:0000023
                         + 0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0.006 0
*0.084 0
         0
            0
                0.006 0
                         0
                            0
                                0
                                   0
                                       0
                                          0
                                              0.006 0
                                                      0
                                                          0
                                                              0.006 0
              0.006 0 0 0
                             0
                                0 0
                                       0 0
                                               0
                                                  0
                                                     0
                                                         0
                 0 0.006 0.084 0.006 0
                                       0.006 0
                                                0 0.006 0
0
       0
          0
                                                            0
                      0
                                       0
       0.006 0
                   0
                         0
                             0
                                 0
                                    0
                                           0
                                               0.006 0
                                                       0
                    0.006 0
                                            0
                                                0
                                                    0
0
   0
                 0
                             0
                                0.006 0 0
                                                       0
                                                           0.006 0
                 0
                     0
                        0
                           0
                               0
                                   0
                                      0
                                          0
                                             0
                                                 0.006 0
                                                         0.006 0
      0.006 0
                     0
                         0
                             0
                                   0
                                       0 0
                                               0.006 0.006 0
               0
                  0
                                0
                    0.006 0
                             0.006 0
0.006 0.006 0 0
                 0
                                      0.006 0
                                              0
                                                  0
                                                     0
                                                         0.006 0
          0
             0
                 0
                     0
                        0
                           0
                               0.006 0
                                       0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0.084 0
0.006 0 0
               0
                  0.006 0
                           0
                               0.006 0
                                       0
                                           0
                                              0.006 0
                                                           0
0.006 0.006 0 0
                 0
                    0
                                             0
                                                0
                                                    0
                                                       0.084 0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                                       0
      0.006 0
               0.006 0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                           0.006 0.084
0.006 0 0 0
               0.006 0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                    0.006 0
                                                             0
                            0
                                   0
      0
          0
             0
                 0
                    0
                        0
                               0
                                      0
                                          0
                                             0
                                                 0
                                                    0.006 0
                                                                    0
0.006 0.006 0
                        0
                               0
                                  0
                                      0.006 0
             0
                 0
                    0
                           0
                                              0
                                                  0
                                                      0
                                                                    0
                                                         0
                                                             0
          0 0
                 0 0
                         0 0
                                 0.006 0
                                         0
                                             0.084 0
                                                      0
                                                         0
                                                             0
                                                                    0
         0
             0
                0
                    0
                        0
                           0
                               0
                                  0
                                     0
                                         0.006 0
                                                  0
                                                      0
                                                         0.006 0.006 0
      0.006 0
              0.006 0
                        0.006 0
                                0.006 0
                                         0
                                             0
                                               0
                                                    0
                                                       0.006 0
0.006 0 0
          0
               0.006 0
                        0 0 0
                                  0 0
                                         0
                                             0 0.006 0
                                                         0
                                                             0.006 0 0
      0.006 0.006 0.084 0
                         0 0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                             0
0
   0
          0.006 0 0.006 0.006 0 0.006 0 0.006 0
                                                  0
                                                     0
                                                         0.006 0
       0
          0
             0.006
                           0 0
                                 0 0 0
                                           0
                                               0.006 0
 374 374:000107 374:000107
                                                         0.006 0
      0.006 0
                                    0.006 0
                                             0
                                                0
                                                   0.006 0
0
               0
                   0
                      0
                          0
                             0
                                 0
   0.006 0
               0
                   0
                      0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                      0
                                                         0
0
      0
          0.006 0
                  0.006 0 0.006 0
                                    0
                                       0.006 0
                                                0
                                                    0
                                                       0
                                                           0
                                                                  0.006
0
                                  0.006 0
                0
                    0
                        0
                            0
                               0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
0
   0
          0.006 0 0 0.006 0
                              0
                                  0
                                      0
                                         0
                                             0
                                                0.006 0
      0
                                                         0
                                                                    0
   0
                                      0.006 0
                                              0.006 0 0
                0
                    0
                        0
                            0
                               0
                                   0
0.006 0 0
          0 0
                 0 0 0 0 0
                                       0.006 0.006 0
                                                    0 0
                                                           0.006 0.006
          0.006 0
                  0.006 0
                           0.006 0
                                    0
                                       0
                                           0
                                               0.006 0
                                                       0
                                                           0
              0
                0 0.006 0
                             0 0
                                    0
                                           0
                                               0
                                                  0
                                                     0 0.006 0
       0
                                        0
               0.006 0
                       0 0.006 0
                                                     0.006 0.006 0
                                       0
                                           0
                                              0
                                                  0
                 0
                           0
                               0
                                             0
                                                    0
                                                        0
                                                           0.006 0
              0
                     0
                        0
                                  0
                                      0
                                          0
                                                 0
                 0 0 0 0 0 0
0.006 0
        0
               0
                                           0.006 0
                                                    0.006 0
            0
0.006 0
        0
            0
               0
                  0 0
                         0
                             0
                                 0
                                    0.006 0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
                                                              0
   0
                 0
                    0
                        0
                           0
                               0
                                  0.006 0
                                           0
                                               0
                                                  0
                                                      0.006 0.006 0
                                                      0.006 0 0
0
   0
       0
          0
              0
                 0
                    0.006 0
                             0
                                 0
                                    0
                                       0
                                           0
                                               0
                                                  0
                                                                  0 0
              0.006 0
                      0
                             0
                                    0
                                           0
                                                  0
                                                      0
                                                         0
                                                            0
       0
                         0
                                 0
                                        0
                                               0
0
   0
       0
              0
                 0
                     0.006 0
                             0
                                 0
                                    0.006 0.006 0
                                                  0
                                                      0
                                                         0.006 0
                                                                  0.006
   0.006 0
            0.006 0
                    0
                        0
                                  0.006 0
                                           0
                                              0
                                                  0.006 0
                                                           0
                           0
                               0
                                                              0
          0
              0
                        0
                            0.006 0
                                    0
                                       0.006 0
                                                0
                                                    0
                                                           0.006 0.006 0
       0
                 0
                     0
                                                       0
*0.587 0
                                                       0
         0
             0
                0
                   0
                       0
                           0
                              0 0 0 0
                                           0
                                                0
                                                   0
                                                          0
                                                              0.006 0
```

0.006 0.006 0

0.006 0

0.006 0

0 0

0.006 0

0 0

```
0
                       0 0
                             0 0
                                   0
                                      0
                                         0
  0
        0.414 0
                0
                   0
                     0
                         0
                            0
                               0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                 0
           0.029 0
                   0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                                 0.029 0
 377 377:000108 377:000108
                             0
                                0
                                  0
                                         0
                                            0
                       0
                          0
                                      0
                                               0
                                                  0
                                                        0
0
                    0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                                  0
                       0
   0
      0
              0
                    0
                        0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                               0
                 0
0
   0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
      0
         0
            0
              0
                 0
                    0
                        0
                          0
                                                     0
0.043 0
       0
          0
             0
               0
                   0
                     0
                         0
                            0
                               0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0.043 0
                                                        0
                                                           0
0
  0
     0
        0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                        0
0
  0
     0
        0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
0
  0
        0
                    0
                          0
                                0
                                      0
                                            0
                                                        0
     0
           0
              0
                 0
                       0
                             0
                                   0
                                         0
                                               0
                                                  0
                                                     0
0
  0
     0
        0
           0
                    0
                                0
                                   0
              0
                 0
                       0
                          0
                             0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
0
  0
     0
        0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
        0
                    0
                                0
0
  0
     0
           0
              0
                 0
                       0
                          0
                             0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
0
  0
     0
        0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                            0.043 0
0
  0
     0
        0
           0
              0
                 0
                    0
                       0
                          0
                             0
                                0
                                   0
                                      0
                                         0
                                                   0
                                                       0
0
  0
     0.043 0
             0 0
0.043 0 0
         0
             0
               0 0
                     0
                         0
                                 0
                                    0
                                       0 0
        0 0 0 0 0 0 0 0
                                         0 0
     0
                                   0
                                      0
                                               0
                                                  0
  0.043 0
         0 0 0.043 0 0 0 0 0
                                      0 0 0.043 0
                                                   0
0.043 0
             0 0 0 0 0 0 0
      0
         0
                                    0
                                       0
                                          0
                                             0
                                                 0
              0
                 0 0 0 0 0
                                   0
                                      0
                                         0
           0
  0
      0
        0
           0
              0 *0.565 0 0 0
                              0 0
                                    0
                                        0
                                           0
                                                 0
                                              0
                                                    0
              0
                 0
                       0
                          0.043 0
                    0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                 0
 378 378:000109 13:0000031 + 0.006 0 0
                                     0
                                           0
                                                 0
                                 0
                                        0
*0.127 0 0 0 0 0 0 0 0 0 0 0
                                        0.006 0
                                                   0.006 0
                                                0
0.006 0
         0 0.006 0 0 0 0 0 0.006 0.006 0.006 0
0 0.006 0
          0.006 0.006 0 0 0 0
                              0
                                 0
                                    0 0
                                          0 0
                                                0
                                                   0.006 0
0.006 0
      0
         0 0 0 0
                     0 0
                           0
                              0
                                 0
                                     0
                                       0 0.006 0
                                                 0 0 0.006
  0
     0 0 0.006 0.006 0 0.006 0 0
                                 0.006 0 0 0.006 0
                                                   0
0.006 0 0 0.006 0.006 0 0 0 0
                                 0 0.006 0 0 0 0 0.006 0
0
     0.006 0 0.006 0
                    0 0 0 0 0 0 0
                                            0
                                               0
                                                  0 0 0.006
                       0.006 0 0 0 0 0 0 0
0
        0 0 0 0
                    0
0
        0.006 0.006 0
                    0
                       0 0 0 0 0 0 0 0.006 0.006 0
  0
     0
           0.006 0 0.006 0.006 0 0.006 0
                                     0.006 0
                                                0.006 0
  0
        0.006 0.006 0
                    0
                       0 0.006 0.006 0
                                      0 0.006 0
                                                0.006 0
0.006 0 0.006 0
                          0 0.006 0.006 0.006 0
              0
                 0
                    0
                       0
                                             0
                                                   0
                                      0.006 0
  0
        0
           0
                 0.006 0 0 0.006 0
              0
                                             0
                                                0
0.006 0 0
         0.006 0
                    0 0 0 0.006 0 0.006 0 0 0.006 0
                 0
  0
        0
           0
                    0
                       0
                          0 0
                                0.006 0
                                       0.127 0 0 0 0.006 0
              0
                 0
                 0.006 0 0 0 0
           0
              0
                                 0
                                    0
                                        0 0 0 0 0
0.006 0 0 0 0 0.006 0.006 0 0 0
                                    0.006 0.127 0.006 0.006 0 0
        0 0
             0 0 0 0 0 0 0.006 0
                                       0 0 0 0
0 0.006 0.006 0.006 0 0 0 0.006 0 0.006 0 0 0.006 0
```

```
0.006 0 0.006 0
                  0 0 0 0 0 0 0 0
                                                     0.006 0
                                                               0
                                                                  0.127 0
           0
               0.006 0
                        0
                           0.006 0.006 0
                                          0
                                               0
                                                   0
                                                       0
                                                               0
                                                                  0
                                                                      0
                 0
                    0
                        0.006 0.006 0.006 0
 379 379:000109 64:0000163
                            + 0
                                 0
                                                 0
                                                     0.006 0
                                                               0.006 0
                                      0
                                          0
                                             0
       0.006 0
                 0
                     0
                        0
                            0
                                0
                                    0
                                        0.006 0
                                                 0 0
                                                         0.006 0
   0.006 0
                 0
                        0
                                0
                                    0
                                        0
                                           0 0
                                                       0
                     0
                            0
                                                           0
                                                               0
           0.006 0
                     0.006 0 0.006 0
                                        0
                                           0.006 0
                                                    *0.294 0
                                                               0
       0
         0
             0
                 0
                     0
                        0
                            0
                                0
                                    0
                                        0
                                           0.006 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
               0.006 0 0 0.006 0 0
                                         0
                                             0 0
                                                     0
                                                         0.006 0
               0
                  0 0
                          0
                              0
                                  0
                                      0
                                          0
                                              0.006 0
                                                       0.006 0
                                                                0
            0 0
                   0 0
                           0 0 0 0
                                           0.006 0.006 0
                                                                  0.006 0.006
                                                          0 0
       0
           0.006 0 0.006 0 0.006 0
                                        0
                                           0
                                               0
                                                   0.006 0
                                                           0
                                                                0
       0
               0
                  0
                      0.006 0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                       0
                                                          0 0.006 0
             0 0.006 0
                          0 0.006 0
                                           0
                                                       0
                                                           0.006 0.006 0
                                               0
                                                   0
0
   0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0 0
                                             0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0.006 0
0.006 0
             0
                 0
                    0
                        0
                           0
                                0
                                   0
                                        0
                                           0
                                               0.006 0
                                                         0.006 0
                                0
                                    0 0.006 0
                                                 0
0.006 0
         0
             0
                 0
                    0
                        0
                           0
                                                     0
                                                         0
                                                             0
                                                                0
                                                                    0
                   0
                       0
                          0
                              0
                                  0
                                      0.006 0
                                               0
                                                   0
                                                       0
                                                           0.006 0.006 0
               0
                       0.006 0
0
   0
       0
           0
               0
                   0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                       0
                                                           0.006 0
                                                                    0
0
       0
           0
               0.006 0
                       0
                           0
                                0
                                    0
                                        0
                                           0
                                               0
                                                       0
                                                           0
                                                               0
                                                                  0
                                                   0
0
       0
               0
                      0.006 0
                                0
                                    0
                                        0.006 0.006 0
                                                       0
                                                           0
                                                               0.006 0
                                                                        0.006
   0
           0
                   0
   0.006 0
             0.006 0
                      0
                          0
                              0 0.006 0
                                               0
                                                   0
                                                       0.006 0
                                                                0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0.006 0
                                        0
                                          0.006 0 0
                                                         0 0
                                                                 0.006 0.006 0
                   0.294 0
                           0
                                0
                                        0
                                           0
                                               0
                                                   0
                                                           0
                                                              0
                                                                  0.006 0
                                    0
                                                       0
               0.006 0 0.006 0 0 0.006 0
0.006 0.006 0
                                                  0
                                                       0
                                                          0
                                                              0
                                                                  0
0.006
 380 380:000109 46:0000116
                              0
                                  0
                                      0
                                          0
                                              0
                                                 0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
0
   0
       0
           0
               0
                   0
                       0
                           0
                              0
                                  0
                                      0
                                          0
                                              0
                                                 *0.276 0
                                                            0
                                                               0
0
   0
                   0
                           0
                                  0
                                      0
                                          0
                                                  0
                                                         0
                                                             0
       0
           0
               0
                       0
                              0
                                              0
                                                     0
0
                            0
                                        0
   0
       0
           0
               0.029 0
                         0
                                0
                                    0
                                           0
                                               0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                          0
0
   0
       0
           0
               0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0.029 0
                                                           0
                                                               0
                                                                   0
                                                                       0
                                                                          0
                   0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0.029 0
                                                               0
                                                                          0
0
   0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
0
                                                         0
                                                                 0
                                                                         0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                      0
                                                             0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0.029 0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                       0
                                                                          0
0
   0
       0
                       0
           0
               0
                   0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
0
   0
                          0
       0
           0
               0
                   0
                       0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
               0
                                                                         0
           0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
0
   0
       0
               0
                       0
                              0
                                      0
                                              0
                                                     0
                                                             0
                                                                     0
                                                                         0
           0
                   0
                          0
                                  0
                                          0
                                                  0
                                                         0
                                                                 0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
0
   0
       0
           0
               0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                             0
                                                                 0
                                                                     0
                                                                         0
```

0 0

0 0

0 0

0 0

```
0
                                0
                                      0
                                                0
                                                        0 0 0 0 0 0
                                                                                                                 0 0 0
        0
                        0
                                0
                                        0
                                                0
                                                        0.276 0
                                                                            0
                                                                                     0
                                                                                           0
                                                                                                    0
                                                                                                             0
                                                                                                                     0
                                                                                                                             0
                                                                                                                                     0
                                                                                                                                            0
                                                                                                                                                      0
0.276 0 0
                         0 0 0.029 0
                                                                0
                                                                        0
                                                                                 0
                                                                                        0
                                                                                                 0
                                                                                                         0
                                                                                                                 0
                                                                                                                         0
                                                                                                                                 0
                                                                                                                                         0
                                                                                                                                                  0.029 0
   381 381:000109 381:000109
                                                                                        0
                                                                                                                        0
                                                                                                                                                         0
                                                                0
                                                                        0
                                                                                0
                                                                                                0
                                                                                                        0
                                                                                                                0
                                                                                                                                 0
                                                                                                                                         0
                                                                                                                                                 0
0
                0
                        0
                                0
                                                        0
                                                                0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                          0
                0
                                0
                                        0
                                                 0
                                                        0
                                                                 0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                         0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
0
        0
                0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
0.043 0
                   0
                            0
                                    0
                                          0
                                                    0
                                                          0
                                                                    0
                                                                          0
                                                                                     0
                                                                                           0
                                                                                                     0
                                                                                                           0
                                                                                                                     0
                                                                                                                             0
                                                                                                                                      0.043 0
                                                                                                                                                          0
                                                                                                                                                                  0
0
        0
                0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                          0
0
        0
                0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                 0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                         0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                          0
0
       0
                        0
                                0
                                        0
                                                        0
                                                                0
                                                                         0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                         0
                                                                                                                                                          0
               0
                                                0
                                                                                 0
                                                                                                                 0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
0
        0
               0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                         0
                                                                                                                                  0
                                                                                                                                                          0
                                                                         0
                                                                                0
                                                                                                                 0
                                                                                                                                          0
                                                                                                                                                  0
0
       0
               0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                 0
                                                                                                                         0
                                                                                                                                 0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                          0
                                                        0
                                                                                         0
0
       0
               0
                        0
                                0
                                        0
                                                0
                                                                0
                                                                         0
                                                                                 0
                                                                                                 0
                                                                                                         0
                                                                                                                 0
                                                                                                                         0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                          0
0
        0
               0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                 0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                 0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                          0
                                                                                                                         0.043 0
        0
                0
                        0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                                            0
                                                                                                                                                      0
               0.043 0 0 0 0 0 0 0 0 0 0 0 0 0
0
        0
0.043 0 0
                        0 0 0 0 0 0 0 0 0 0 0 0
                      0 0 0 0 0 0 0 0 0 0
                                                                                                                 0 0 0
       0
               0
                                                                                                                                        0
                                                                                                                                                  0
                         0 0 0.043 0 0
                                                                       0 0 0 0
        0.043 0
                                                                                                        0 0 0.043 0
                                                                                                                                             0
0.043 0
                  0
                                    0
                                          0 0
                                                          0
                                                                    0
                                                                          0 0 0 0
                                                                                                                    0 0 0
                            0
                                                                                                           0
                                                                                                                                            0
        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0 0 0 0
                                                                                                       0
                                                                                                                 0
                                                                                                                        0
                                                                                                                                 0
0
        0
                0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0 *0.565 0
                                                                                                    0
                                                                                                              0
                                                                                                                     0
                                                                                                                              0
                                                                                                                                     0
                                                                                                                                               0
                                                                                                                                                       0
                                                                                                                                                               0
        0
                        0
                                        0
                                                                 0
                                                                         0.043 0
                                                                                                                     0
                                                                                                                                      0
                0
                                0
                                                 0
                                                        0
                                                                                           0
                                                                                                     0
                                                                                                            0
                                                                                                                            0
   382 382:000110 167:000049
                                                                0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                          0
                                                          +
0
        0
                0
                        0
                                0
                                                                 0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                                  0
                                                                                                                                  0
                                                                                                                                                  0
                                        0
                                                 0
                                                        0
                                                                                                         0
                                                                                                                          0
                                                                                                                                          0
                                                                                                                                                          0
                                                                         0
                                                                                                         0
                                                                                                                  0
        0
                0
                        0
                                0
                                        0
                                                 0
                                                        0
                                                                 0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                                         0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
0
        0
                0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                 0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                          0
0.043 0
                   0
                            0
                                    0
                                          0
                                                    0
                                                          0
                                                                    0
                                                                          0
                                                                                     0
                                                                                           0
                                                                                                     0
                                                                                                           0
                                                                                                                     0
                                                                                                                           0
                                                                                                                                      0.043 0
                                                                                                                                                          0
                                                                                                                                                                  0
                        0
                                        0
                                                        0
                                                                         0
                                                                                         0
                                                                                                         0
                                                                                                                         0
                                                                                                                                          0
0
        0
                0
                                0
                                                0
                                                                0
                                                                                 0
                                                                                                 0
                                                                                                                  0
                                                                                                                                  0
                                                                                                                                                          0
0
                                                                                                                                          0
                                                                                                                                                          0
                0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                 0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                                  0
0
       0
               0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                 0
                                                                                                                         0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
                                                                                                                                                          0
0
       0
               0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                         0
                                                                                                 0
                                                                                                                *0.188 0
                                                                                0
                                                                                                         0
                                                                                                                                       0
                                                                                                                                               0
0
        0
               0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                   0
                                                                                                                                                          0
0
        0
               0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                 0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                          0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                   0
                                                                                                                                                          0
0
        0
                0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                         0
                                                                                                                                  0
                                                                                                                                          0
                                                                                                                                                  0
0
                        0
                                0
                                        0
                                                0
                                                        0
                                                                0
                                                                         0
                                                                                 0
                                                                                         0
                                                                                                 0
                                                                                                         0
                                                                                                                  0
                                                                                                                         0.043 0.188 0
        0
                0
        0
               0.043 0 0 0 0 0 0 0 0 0 0 0 0 0
0
       0 0
                      0 0 0 0 0
                                                                      0 0 0 0
                                                                                                       0
                                                                                                                        0
                                                                                                                                          0
                                                                                                                                                          0
                                                                                                                 0
                                                                                                                                 0
                                                                                                                                                  0
       0.043 0 0 0 0.043 0 0 0
                                                                                        0
                                                                                                         0
                                                                                                                0
                                                                                                                         0.043 0
                                                                                                 0
0.043 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 
                                                                                                                                                      0
       0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
                                                                                                                                                  0
```

```
0.188 0
                  0
                     0
                         0
                            0
                               0
                                          0
                                             0
                                               0
                                                   0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0.043 0
                                   0
                                       0
                                          0
                                             0
                                                0
                                                   0
                                                         0
                                                             0
 383 383:000110 299:000083
                       +
                        0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
   0
      0
                                                           0
0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
         0
                     0
                                     0
                                                           0
      0
            0
               0
                  0
                        0
                            0
                               0
                                  0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
0
      0
            0
                        0
                                     0
                                                  0
   0
         0
               0
                  0
                     0
                            0
                               0
                                  0
                                        0
                                           0
                                              0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                            0
                                  0
                                     0
                                        0
                                              0
                                                     0
                                                           0
                               0
                                           0
                                                  0
                                                        0
0
   0
      0
         0
                     0
                                  0
                                     0
                                                           0
            0
               0
                  0
                        0
                            0
                               0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
0
   0
      0
         0
            0
               0
                  0
                     0
                        0
                            0
                              0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                       0
                                                           0
         0
                     0
0
   0
      0
            0
               0
                  0
                        0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                              0
                                                  0
                                                     0
                                                        0
0
   0
      0
         0
            0
                            0 0 0 0
               0
                  *0.31 0 0
                                        0 0
                                               0 0
0
   0
         0
                                 0
                                        0
                                              0
                                                     0
                                                           0
      0
            0
               0
                  0
                     0
                        0
                            0
                               0
                                     0
                                           0
                                                  0
                                                        0
   0
      0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
0.071 0 0
         0
             0
                0 0
                      0
                          0
                            0 0 0
                                      0
                                             0
                                         0
                                               0
                                                   0
                                                      0
                            0 0 0.31 0
   0
      0
         0
            0
              0
                  0
                     0
                        0
                                         0
                                            0
                                                0
                                                   0
   0
      0
         0
            0
               0
                  0
                     0 0 0.31 0 0
                                      0
                                         0
                                            0
                                                0
                                                   0
                                                      0
                           0 0
 384 384:000111 40:0000107
                      + 0
                                           0.006 0 0.006 0
                                 0
                                     0
                                        0
      0.006 0
             0 0
                   0 0 0 0 0.006 0
                                        0
                                           0
                                              0.006 0
                                                      0
   0.006 0 0 0 0
                    0 0 *0.045 0 0 0 0
                                           0
                                               0 0
                                                    0 0
                                                           0
         0 0.006 0
                                  0 0.006 0
                   0.006 0 0.006 0
                                              0
                                                 0
                                                    0
0.006 0 0 0
             0 0 0 0 0 0 0 0.006 0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                      0.006 0 0 0 0 0 0
        0 0.006 0 0
                                              0.006 0
                                                     0
         0 0 0 0.045 0 0 0 0 0 0.006 0
                                              0.006 0
      0
   0.006 0.045 0 0 0 0 0 0 0 0 0.006 0.006 0 0 0.006
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0 0
                                               0.006 0
                                                      0 0
                        0.006 0 0
                                  0 0
         0 0
              0 0 0
                                         0
                                             0 0 0 0 0.006 0
      0
         0.006 0 0 0.006 0
                           0 0
                                  0.006 0 0 0.045 0 0
                                                      0.006
0.006 0.045 0 0
              0 0
                     0
                                  0
                                       0 0
                                              0 0
                        0
                           0
                               0
                                     0
0.006 0 0.006 0 0 0 0
                           0
                              0
                                  0
                                     0 0 0 0.006 0 0.006 0
   0.006 0 0 0 0 0 0 0 0 0.006 0 0
                                              0 0 0
                           0 0
   0 0
        0 0 0 0
                     0
                        0
                                 0
                                     0.006 0 0 0 0.006 0.006
                                       0 0 0 0 0 0.006
   0.045 0 0 0 0 0 0
                          0.006 0
                                  0
                                     0
0.045 0 0 0
             0 0 0
                      0
                          0.006 0
                                  0
                                     0
                                        0.045 0
                                               0
                                                   0
                                                      0
                           0
                                               0.006 0.006 0
   0 0 0 0 0
                     0
                        0
                                  0.006 0
                                         0
                                            0
   0.006 0 0.006 0 0.006 0
                          0.006 0
                                  0.045 0 0 0
                                                0.006 0 0 0
0.006 0 0 0
             0.006 0
                     0
                        0
                            0
                               0
                                  0
                                     0
                                        0
                                          0.006 0
                                                   0 0.006 0
  0 0.006 0.006 0
                  0 0
                        0
                           0
                               0
                                  0
                                     0
                                        0
                                           0 0 0.045 0 0
```

```
0.045 0 0 0 0.006 0 0.006 0.006 0 0.006 0
                                              0.006 0 0 0
                                                              0.006 0
      0
          0
             0
                0
                    0.006
                                  0.006 0 0
 385 385:000111 215:000062
                         + 0
                               0
                                              0 0
                                                            0.007 0 0
                                                    0 0
0.006 0.008 0 0 0
                    0
                               0.008 0.01 0
                                            0
                                               0 0.008 0
                                                            0.008 0.008
                       0
                           0
      0.008 0
               0
                  0
                      0.008 0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0.008 0
                                                             0
      0.008 0
               0.008 0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0
                                                         0
0.008 0 0
          0.007 0 0 0 0.007 0.007 0
                                             0.007 0.008 0 0
                                                             0.008 0
                                        0
0.008 0.008 0.008 0
                  0
                      0 0.01 0.008 0.008 0
                                            0.008 0
                                                    0
                                                       0.008 0
                 0.008 0.008 0
0.008 0.008 0
             0
                              0 0.008 0
                                              0 0
                                                     0 0
                                                            0.007 0.008
      0
          0
             0
                 0
                        0
                           0.008 0 0.008 0 0
                                                   0.007 0
                                                            0.007 0
                    0
0.007 0.008 0
                    0.008 0
                                    0
                                       0 0
                                              0
                                                  0
                                                     0.008 0
             0
                 0
                             0
                               0
                                                              0
                               0.008 0 0.008 0 0 0.007 0
   0
          0
             0
                 0
                        0
                           0
                    0
                              0 0 0 0.008 0 0.008 0.008 0
0
      0.008 0.008 0
                    0
                        0
                           0
      0.01 0.008 0
                    0.008 0.008 0 0 0
                                        0.008 0.008 0.007 0.008 0
0.008 0 0
            0.008 0
                    0.008 0 *0.011 0.008 0
                                           0
                                               0
                                                  0
                                                      0
                                                         0 0.007 0
   0.008 0
            0.008 0.007 0
                        0
                             0
                               0
                                    0
                                       0
                                           0
                                              0.007 0
                                                      0.007 0
   0.008 0.008 0.008 0 0 0 0.008 0
                                           0.008 0 0
                                                       0.008 0
                                                               0.007 0
       0.008 0 0 0.007 0.008 0
                                 0.008 0
                                           0
                                              0
                                                 0
                                                     0.006 0.008 0
          0 0 0.008 0 0.006 0 0
                                                            0.007 0 0
0.008 0 0
                                      0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
          0
             0
                0.007 0 0 0 0.008 0 0 0
                                                    0.008 0
0.008 0.008 0.007 0
                  0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                       0
                                                           0.008 0.007
          0
             0
                 0
                    0.008 0
                            0.008 0
                                     0
                                         0
                                            0.007 0
                                                     0.008 0
0.008 0 0.008 0
                 0
                    0
                        0.800.0 800.0 0 800.0
                                              0
                                                  0.008 0
                                                          0.008 0.008 0
0.008 0 0
           0.008 0
                              0
                                  0
                                     0
                                         0.008 0
                    0
                        0
                           0
                                                  0
                                                     0.006 0
      0.008 0.007 0
                    0
                        0
                           0.007 0 0 0
                                           0
                                             0
                                                  0
                                                     0 0
                                                           0
                                                                0 0
          0.008 0.008 0.008 0
                             0
                                0
                                                       0 *0.056 0
 386 386:000112 10:0000021
                         + 0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
  0
      0
          0
             0
                 0
                                  0
                                      0
                                         0
                                             0.007 0
                                                     0 0.007 0
                    0
                        0
                           0
                               0
0.007 0 0
           0
               0.007 0
                        0
                           0
                               0
                                  0
                                      0.007 0
                                              0.007 0
                                                       0
                                                          0
0.007 0 0.007 0
                               0
                                             0
                                                0
                                                   0
                 0
                    0
                        0
                           0
                                  0
                                      0
                                         0
                                                       0.007 0
      0
          0
             0
                 0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                         0.007 0 0
                                                    0 0.007 0
   0.007 0.007 0
                 0.007 0
                         0
                             0.007 0
                                      0
                                         0.007 0
                                                 0
                                                     0
                                                         0
                                                            0.007 0
                             0.007 0
               0
                  0
                      0
                         0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
0.007 0 0
               0
                 0 0.056 0
                               0
                                  0.056 0
                                           0
                                             0
                                                  0
                                                     0.007 0
          0
                                                              0
             0.007 0
          0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
0.007 0 0
            0.056 0 0 0.056 0
                                0
                                    0
                                       0.007 0.007 0
                                                     0
                                                         0
                                                            0
            0.007 0.007 0
                                           0.007 0
   0.007 0
                         0
                             0
                                0
                                    0
                                       0
                                                   0
                                                       0
0.007 0.007 0
                0
                        0.007 0
                                0
                                    0.007 0
                                            0.007 0
                                                     0
                                                            0
             0
                    0
                                                         0
             0
                0
                    0.007 0
                             0.007 0
                                             0
                                                          0
                                      0
                                         0
                                                    0
                                                       0
               0
                  0.007 0
                           0.007 0
                                           0
                                              0
                                                  0.007 0
                                                          0
                                                             0.007 0
   0.007 0
           0
                                    0
                                       0
      0
             0.007 0
                      0
                         0
                             0
                                    0
                                           0
                                               0
                                                  0
                                                         0
                                        0
       0
          0
             0.007 0
                      0
                         0
                             0
                                 0
                                    0
                                           0
                                               0
                                                      0.056 0
                                                              0
                                                                 0 0
0
   0
                                        0
                                                  0
          0.056 0
                   0
                      0
                             0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                         0.007 0.007
0.056 0 0
          0 0.007 0 0 0.007 0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0 0
```

```
0.007 0 0 0
                    0
                        0
                           0.007 0
                                    0 0
                                          0.007 0
                                                  0.007 0
0.007 0 0.007 0.007 0
                     0
                        0.007 0
                               0
                                    0.007 0
                                            0.007 0
                                                   0 0
                                                          0
  0 0 0 0.007 0
                     0
                        0
                           0
                               0
                                  0
                                     0
                                        0
                                            0
                                               0.007 0.056 0 0 0
0.056 0 0 0 0 0
                     0
                           0
                                  0
                                    0 0
                                               0 0.007 0.007 0.007 0
                        0
                               0
                                           0
  0
 387 387:000112 40:0000107
                        + 0 0 0 0 0
                                          0
                                              0.006 0 0.006 0
      0.006 0
              0
                0
                       0 0 0 0.006 0
                                          0
                                              0
                                                 0.006 0
                     0
                                                         0
                                                            0
                                                               0
   0.006 0
              0
                  0
                     0
                        0
                           *0.045 0
                                   0
                                       0
                                           0
                                              0
                                                 0
                                                     0
        0 0.006 0
                     0.006 0 0.006 0 0 0.006 0
                                                 0
                                                    0
                                                       0
0.006 0 0
          0
              0 0
                     0
                       0 0
                              0 0.006 0
                                                 0
                                                    0
                                                        0
             0.006 0 0 0.006 0 0
                                       0
                                          0
                                                 0.006 0
         0
                                              0
                                                        0
                                                            0
               0 0.045 0 0 0 0 0 0.006 0
             0
                                                 0.006 0
                0 0 0 0
                             0 0
   0.006 0.045 0
                                    0 0 0.006 0.006 0 0
                                                             0.006
0.006 0 0 0.045 0.006 0 0.006 0 0.006 0 0
                                           0
                                               0
                                                  0.006 0
   0 0
         0
             0
               0
                   0
                      0
                          0.006 0 0 0 0
                                           0
                                               0 0 0 0 0.006 0
         0.006 0
                 0 0.006 0
                             0
                                0
                                    0.006 0
                                           0
                                               0.045 0
                                                       0
                                                           0.006
0.006 0.045 0 0 0
                      0
                             0
                                    0
                   0
                          0
                                0
                                       0 0 0
                                                 0 0
                                                       0
                                                           0
0.006 0 0.006 0
                                          0
                0 0
                      0
                          0
                             0
                                0
                                    0
                                       0
                                             0
                                                 0.006 0
                                                        0.006 0
                                    0.006 0 0
                                                       0
   0.006 0
          0 0 0 0 0
                              0 0
                                                 0
                                                    0
                                                           0
                                    0
      0
         0 0
               0 0
                      0
                          0
                            0
                                0
                                       0.006 0 0 0 0
                                                        0.006 0.006
                 0
                    0
                       0
                           0.006 0
                                    0
                                       0
                                          0 0
                                                 0
                                                    0
                                                       0
                                                           0.006
   0.045 0
          0 0
              0
                 0
                     0
                       0
                           0.006 0
                                    0
                                       0
                                          0.045 0
                                                  0
                                                      0
      0 0 0 0 0
                      0
                          0
                             0
                                0
                                    0.006 0 0 0
                                                  0.006 0.006 0
   0.006 0
          0.006 0 0.006 0
                           0.006 0
                                                  0.006 0
                                    0.045 0
                                           0 0
0.006 0 0
              0.006 0
                      0
                             0
                                    0 0 0 0.006 0 0 0.006 0 0
          0
                          0
                                0
                                          0
      0.006 0.006 0
                   0
                      0
                          0
                             0
                                    0
                                       0
                                              0
                                                0 0.045 0
0.045 0 0
          0 0.006 0
                      0.006 0.006 0
                                    0.006 0
                                           0.006 0
                                                   0 0
                                                         0.006 0
      0
        0 0 0 0.006
 388 388:000112 388:000112
                         0
                            0
                               0.006 0
                                        0
                                            0
                                               0
                                                  0
                                                      0
0.006 0
       0
              0
                       0
                           0
                              0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                                0
           0
                  0
                     0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                               0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                              0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                              0
0
   0
                                       0
                                                              0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                0
                                    0
                                           0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
0
   0
         0
             0
                       0
                                       0
                                                    0
      0
                0
                   0
                          0
                             0
                                0
                                    0
                                           0
                                              0
                                                 0
                                                        0
                                                           0
                                                              0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                0
                                    0
                                       0
                                          0
                                              0
                                                 0
                                                    0
                                                        0
                                                           0
                                                              0
0
   0
      0
             0
                   0
                          0
                                0
                                       0
                                                    0
                                                              0
         0
                0
                       0
                             0
                                    0
                                           0
                                              0
                                                 0
                                                        0
                                                           0
0
   0
         0
             0
                0
                       0
                          0
                             0
                                    0
                                       0
                                          0
                                                 0
                                                    0
                                                        0
                                                              0
      0
                   0
                                0
                                              0
                                                           0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                0
                                    0
                                       0
                                           0
                                                     0
                                                        0
                                                           0
                                                              0
                                              0
                                                 0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                    0
                                                        0
                                                           0
                                                              0
                                                 0
                       0
                                                 0
0
   0
      0
         0
             0
                0
                   0
                          0
                             0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                     0
                                                        0
                                                           0
                                                              0
0
   0
      0
         0
             0
                0
                   0
                       0
                          0
                             0
                                 0
                                    0
                                       0
                                              0
                                                 0
                                                    0
                                                        0
                                           0
                                                           0
                                                              0
0.006 0
        0
           0
              0
                 0
                     0
                        0
                           0
                               0
                                  0
                                     0.006 0
                                              0
                                                 0
                                                    0
                                                        0
                                                           0
                                                              0
                                                                  0
   0
         0
             0
               0 0
                      0
                          0
                            0
                                0
                                   0
                                       0
                                              0
                                                 0
                                                     0
                                                        0
                                                           0
                                                              0
```

```
0.006 0 0 0.006 0 0
                                                                             0 0
                                                                                          0
                                                                                                 0
                                                                                                                           0
0
    0
            0
                   0
                         0
                                       0
                                            0
                                                    0
                                                         0
                                                                0
                                                                      0
                                                                             0
                                                                                   0
                                                                                           0
                                                                                                0
                                                                                                        0
                                                                                                                           0
                   0
                          0
                                                    0 0 0
                                                                       0
                                                                              0
                                0.006 0 0 0 0 0 0 0 0 0 *0.923 0
      0
            0
                   0
                          0
      0
                                0
                                     0
                                           0 0 0 0
                                                                     0 0
                                                                                    0 0
                                                                                                0
                                                                                                        0
  389 389:000112 65:0000165 + 0.023 0 0.006 0
                                                                                    0 0 0 0
0.022 0.006 0
                         0
                                0 0 0 0 0 0 0 0 0.013 0 0 0 0 0
            0
                 0
                          0
                                0 0.012 0 0 0 0 0.023 0 0.013 0
                         0.023 0 0 0 0.022 0 0 0 0 0 0 *0.035 0
                   0
0 0 0 0 0
                              0 0 0 0 0 0 0 0 0 0 0
                                0.012 0.022 0
0.023 0 0.012 0
                                                         0 0
                                                                       0
                                                                           0
                                                                                   0 0 0.023 0 0
    0 0
                 0
                        0
                              0 0
                                            0
                                                    0
                                                        0 0
                                                                      0
                                                                            0.013 0 0 0 0 0
                         0
                               0 0 0
                                                    0 0 0 0
                                                                             0 0.022 0 0 0.012 0 0
0.023 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; \; 0 \; 
            0
                   0 0 0.023 0
                                              0.023 0 0 0 0 0 0 0 0 0
                                 0
                                                0 0 0 0 0 0.023 0.032 0.023 0 0 0
            0.023 0 0
                                        0
            0 0.023 0
                                               0.013 0 0 0 0 0 0 0 0 0
                                 0
                                        0
0.021 0 0 0 0
                                        0
                                               0 0 0 0 0 0 0 0 0 0 0
                                 0
0.021 0.023 0 0 0.023 0
                                                      0 0 0 0.006 0 0 0 0
                                                0
 \begin{smallmatrix} 0 & 0 & 0.006 & 0 & 0 & 0.023 & 0 & 0.021 & 0 & 0 & 0 & 0 & 0.023 & 0 \\ \end{smallmatrix} 
                                                                                                                           0
0 0.021 0 0 0 0 0 0.023 0 0 0 0
                                                                                                                     0.006 0
      0.006 0.023 0 0 0 0 0 0 0 0 0 0
                                                                                                 0
                                                                                                        0
                                                                                                              0
0.021 0 0 0 0 0 0 0 0.023 0 0
                                                                                   0
                                                                                                 0
                                                                                                              0
                                                                                          0
\begin{smallmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.013 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \end{smallmatrix}
0 0.023 0 0 0 0.021 0
                                                   0
                                                          0
                                                                0
                                                                       0
                                                                             0
                                                                                    0
                                                                                    0 0 0 0 *0.056 0 0
  390 390:000114 10:0000021
                                              + 0
                                                          0
                                                                 0
                                                                       0
                                                                             0
0 0 0 0 0
                                      0
                                             0
                                                    0
                                                          0
                                                                0
                                                                       0
                                                                             0
                                                                                    0.007 0 0 0.007 0 0
0.007 0 0 0 0.007 0
                                             0
                                                   0
                                                          0
                                                                0
                                                                       0.007 0 0.007 0 0 0 0
0.007 0 0.007 0
                                                          0
                                                                             0 0 0 0 0.007 0 0
                               0
                                      0
                                             0
                                                    0
                                                                0
                                                                       0
0 0 0 0 0
                              0 0
                                             0
                                                    0
                                                          0
                                                                 0
                                                                       0
                                                                             0.007 0 0 0 0.007 0
0 0.007 0.007 0 0.007 0 0 0.007 0
                                                                             0.007 0 0 0
                                                                       0
      0.007 0 0 0 0 0 0.007 0
                                                                      0 0 0 0 0 0 0 0.007 0
                    0 0 0 0.056 0
                                                         0 0.056 0
                                                                                0 0 0
                                                                                                   0.007 0
0 0 0 0 0.007 0 0 0
                                                           0
                                                                   0
                                                                        0 0 0 0
                                                                                                   0 0 0 0 0
0.007 0 0
                   0.056 0 0 0.056 0
                                                                   0
                                                                        0.007 0.007 0
                                                            0
                                                                                                    0
      0.007 0 0.007 0.007 0 0
                                                                   0
                                                                        0 0.007 0 0 0 0 0
                                                            0
0.007 0.007 0 0 0 0 0.007 0
                                                             0
                                                                   0.007 0 0.007 0 0 0 0 0
                  0 0 0 0.007 0 0.007 0
                                                                       0 0 0 0 0 0 0
            0
                   0 0 0.007 0 0.007 0
                                                                                             0.007 0 0 0.007 0
                                                                   0
                                                                         0
                                                                                0
                                                                                      0
0
            0
                   0
                         0.007 0
                                         0
                                              0
                                                       0
                                                             0
                                                                    0
                                                                          0
                                                                                0
                                                                                       0
                                                                                              0
                                                                                                   0 0 0 0 0
                         0.007 0
                                          0
                                                0
                                                       0
                                                             0
                                                                    0
                                                                          0
                                                                                 0
                                                                                       0
                                                                                              0
                                                                                                     0.056 0 0 0 0
0
      0
            0
                   0.056 0 0
                                         0
                                                0
                                                       0
                                                             0
                                                                    0
                                                                          0
                                                                                0
                                                                                       0
                                                                                              0
                                                                                                     0 0.007 0.007
```

```
0.056 0 0 0
                0.007 0
                         0 0.007 0 0 0
                                             0
                                                 0
                                                     0
                                                        0
                                                            0
  0
       0.007 0
                0
                    0
                       0
                           0
                               0.007 0
                                        0
                                            0
                                               0.007 0
                                                        0.007 0
        0.007 0.007 0
                       0
                           0.007 0
                                   0
                                        0.007 0
                                                 0.007 0
                                                         0
           0 0.007 0
                                            0
                                                     0.007 0.056 0
       0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                                 0
                                             0
                                                     0
                                                        0.007 0.007 0.007 0
0.056 0
        0
           0
                0
                       0
                           0
                               0
                                  0
                                      0
                                         0
                                                 0
  0
 391 391:000114 34:0000095
                          + 0
                                 0
                                    0
                                       0
                                            0 0
                                                   0.008 0.006 0.008 0
        0
                0.008 0
                         0
                            0
                                 0.007 0.006 0
                                               0
                                                  0.004 0
                                                            0.006 0 0.008
                    0.008 *0.013 0 0 0
       0.007 0
                0
                                          0
                                              0 0.006 0.006 0 0
       0
           0.006 0
                    0
                       0
                          0 0
                                  0.004 0.006 0.008 0
                                                      0.008 0.006 0
   0.006 0
                       0.008 0
                                 0.006 0
                                                 0 0.013 0 0
                                                                     0.008
            0
                0
                    0
                                          0
                                             0
0.006 0 0
            0
                0
                    0
                       0
                          0
                               0
                                   0
                                      0
                                          0
                                              0.008 0
                                                       0.01 0.008 0
                                          0.006 0 0
   0 0
           0.008 0
                    0
                       0
                          0
                               0
                                  0
                                      0
                                                       0.006 0
        0.004 0
                 0.008 0.006 0.006 0
                                      0
                                          0
                                             0.004 0.006 0
                                                               0.006 0
0.006 0
       0
            0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
            0.004 0
                     0
                         0.007 0
                                 0.008 0 0.01 0.007 0
                                                        0
       0.004 0
                                                                   0.007 0
                0.800.0
                         0.006 0
                                                            0.008 0.008
   0.004 0
                                 0.008 0
                                          0 0.006 0
                                                        0
                0 0.006 0
0.006 0
                                        0
                                           0.006 0
                                                     0.006 0
            0
                             0 0
                                    0
                                                             0
                                      0
0.008 0.006 0.008 0
                   0
                       0 0
                              0
                                 0
                                         0.006 0
                                                   0
                                                      0 0.008 0.006 0.008
   0.013 0
            0.008 0
                         0
                             0
                                 0
                                        0
                                            0
                                               0
                                                   0.008 0
                                                            0
                                                                   0.006 0
                     0
                                    0
                                                                0
   0.006 0
            0.006 0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0.008 0
0.008 0.008 0 0.006 0.007 0.01 0.006 0
                                      0.006 0
                                                0.004 0
                                                         0
                                                             0
                                                                0.01 0
           0.008 0.006 0
                          0.006 0.006 0
                                         0.006 0
                                                      0.008 0.006 0
                                                  0
0.006 0.006 0 0 0.006 0.006 0 0
                                        0
                                          0
                                               0
                                                              0
                                    0
                                                   0
                                                       0
                                                          0
                                                                  0
                                                                     0
            0 0.008 0.004 0 0
                                 0
                                      0.004 0
                                               0.008 0
                                                        0.008 0
                                                                  0.008 0
0.006 0
        0.007 0.006 0.008 0
                           0
                               0
                                    0.008 0
                                             0
                                                 0
                                                     0.008 0
                                                              0
0.006 0
            0.004 0 0.006 0.008 0
                                               0.008 0.004 0.006 0.006 0
                                    0
                                        0
                                          0
       0.006 0
                0
                   0
                       0
                           0.006 0
                                        0.006 0
                                                 0
                                                     0
                                                        0.008 0
                                    0
                                                                  0.004
0.004 0.006 0.004 0
                   0.008 0
                                    0.008 0
                                                            0.006 0
                                                                     0.008
                             0
                                             0
                                                 0
                                                     0
                                                        0
 392 392:000114 46:0000116
                           +
                             0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                           0
                                                                  0
                                                                      0
0
   0
       0
                                 0
                                    0
                                                   0
                                                       0
                                                           0
                                                              0
           0
              0
                  0
                      0
                         0
                             0
                                        0
                                            0
                                                0
   0
0
       0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                               *0.276 0
                                                         0
0
                                        0
                                                       0
                                                                      0
   0
       0
           0
                  0
                      0
                          0
                             0
                                 0
                                    0
                                            0
                                                0
                                                   0
                                                           0
                                                              0
                                                                  0
              0
0
   0
       0
           0
              0.029 0
                       0
                           0
                               0
                                  0
                                      0
                                          0
                                             0
                                                 0
                                                     0
                                                         0
                                                            0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0.029 0
                                                         0
                                                            0
                                                                0
                                                                    0
                                                                        0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0.029 0
0
   0
           0
                         0
       0
              0
                  0
                      0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                  0
                                                                      0
0
   0
       0
           0
              0
                         0
                             0
                  0
                      0
                                 0
                                    0
                                        0
                                            0
                                                   0
                                                       0
                                                           0
                                                              0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0.029 0
                                                     0
                                                            0
                                                 0
                                                         0
                                                                0
                                                                    0
                                                                        0
0
   0
           0
                         0
       0
              0
                  0
                      0
                             0
                                 0
                                    0
                                        0
                                            0
                                                   0
                                                       0
                                                           0
                                                              0
                                                                      0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                                                      0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                  0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                  0
                                                                      0
0
   0
       0
           0
              0
                  0
                      0
                          0
                             0
                                 0
                                    0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                           0
                                                               0
                                                                  0
                                                                      0
```

```
0
         0
               0
                  0
                      0
                            0
                               0
                                  0
                                        0
0
  0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                        0
                                                           0
0
   0
      0
         0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                  0
                     0
0
   0
      0
         0
            0
               0
                  0
                         0
                            0
                               0
                                  0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                        0
                                                           0
   0
         0
               0
                     0
                            0
                                  0
                                        0
                                               0
            0
                  0
                         0
                               0
                                     0
                                           0
                                                     0
                                             0 0 0
   0
         0
            0
               0
                  0
                     0.276 0
                            0 0 0 0 0
       0
          0
             0
                0.029 0
                        0
                            0
                               0
                                  0
                                     0
                                        0 0
                                              0
                                                  0
                                                     0
 393 393:000115 168:000049
                      + 0
                            0
                               0
                                  0.017 0 0 0.004 0.006 0.004 0
                            0
0.006 0 0 0 0.004 0 0 0
                               0.006 0 0 0.013 0 0.006 0 0.004 0
        0 0.004 0 0.012 0
                           0
                               0
                                  0 0.006 0.006 0 0 0 0 0
  0.006 0 0 0 0 0 0.013 0.006 0.004 0 0.004 0.006 0
                                                    0.004 0
0.006 0 0 0 0 0.004 0 0.006 0 0 0 0
                                             0 0 0
  0 0
        0 0 0 0 0
                           0 0 0.004 0 0 0.004 0
                                                    0
   0.004 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0.006 \ 0 \ 0.006 \ 0 \ 0.012 \ 0.006 \ 0
0.004\ 0\quad 0.004\ 0.006\ 0.006\ 0\quad 0\quad 0\quad 0.013\ 0.006\ 0\quad 0\quad 0.006\ 0\quad 0
  0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
0.017 0.013 0 0 0 0.012 0.004 0
                             0
                                  0 0 0 0 0 0 0 *0.046 0
0.006 0.004 0 0.006 0 0.006 0 0
                             0 0.006 0 0.004 0.017 0 0
0.013 0 0 0.004 0 0.006 0 0.004 0 0 0.006 0 0 0.004 0.004 0.006 0
   0 0 0.006 0 0 0.012 0 0 0.006 0 0.006 0 0 0 0 0 0.004
0.006 0.004 0 0 0.017 0
                            0 0.006 0 0 0 0.004 0.006 0.004 0
                      0 0
  0 0.004 0 0 0 0 0 0 0 0 0.004 0
                                              0 0 0.006 0 0
0.004 0.004 0 0.006 0 0 0.006 0 0.006 0 0.013 0.012 0.012 0
0 0 0.004 0.006 0 0.006 0.006 0 0 0.004 0.006 0 0.006 0.006
          0.006 0.006 0 0 0 0 0
                                      0
                                         0
                                            0
                                               0
                                                   0
      0.004 0.013 0 0 0.012 0.013 0 0.004 0
                                         0.004 0
                                                0.004 0
                                                        0.006 0
   0.006 0.004 0 0 0 0.004 0
                            0 0 0.004 0 0 0
                                                 0 0.006 0
   0.013 0
         0.006 0.004 0 0 0 0 0.004 0.013 0.006 0.006 0 0
          0 0 0.006 0 0 0.006 0 0 0 0.004 0 0.013 0.013 0.006
      0.004 0 0 0 0.004 0 0.012 0 0 0 0.006 0
0.013 0
 394 394:000115 168:000049 + 0
                           0
                              0 0.017 0 0 0.004 0.006 0.004 0
         0 0.004 0 0 0
                           0 0.006 0 0 0.013 0 0.006 0 0.004 0
   0 0 0 0.004 0 0.012 0
                           0
                               0 0 0.006 0.006 0 0 0 0 0
   0.006 0
          0 0 0 0 0.013 0.006 0.004 0 0.004 0.006 0
                                                    0.004 0
0.006 0 0 0 0.004 0 0.006 0 0 0
                                         0
                                             0 0 0 0.004 0.006
      0 0 0 0 0 0 0 0 0 0.004 0
                                         0
                                             0.004 0
                                                    0
   0.004 0 0 0 0 0 0 0 0.006 0 0 0.006 0
                                               0 0.012 0.006 0
0.004\ 0\quad 0.004\ 0.006\ 0.006\ 0\quad 0\quad 0\quad 0.013\ 0.006\ 0\quad 0\quad 0.006\ 0\quad 0
  0 0.004 0.004 0 0.006 0.006 0.004 0.004 0 0.006 0.006 0.004 0
                  0.012 0.004 0
0.017 0.013 0 0 0
                              0
                                  0 0
                                        0
                                          0
                                              0
0.006 0.004 0 0.006 0 0.006 0 0 0.006 0 0.004 0.017 0 0
0.013 0 0 0.004 0 0.006 0 0.004 0
                                  0 0.006 0 0 0.004 0.004 0.006 0
0 0 0 0.006 0 0 0.012 0 0 0.006 0 0.006 0 0 0 0 0 0.004
```

```
0.006 0.004 0 0 0.017 0 0 0
                                0.006 0 0 0
                                               0.004 0.006 0.004 0
      0.004 0 0
                 0 0
                      0
                          0
                             0 0 0 0.004 0 0 0 0.006 0
0.006 0 0.006 0
               0
                  0 0 0 0
                              0 0 0 0 0.004 0 0
                      0.006 0
                               0.006 0
                                       0.013 0.012 0.012 0
0.004 0.004 0 0.006 0 0
                                                        0
      0.004 0.006 0 0.006 0.006 0 0.006 0
                                       0
                                          0.004 0.006 0
                                                     0.006 0.006
0.006\ 0 0 0.006\ 0.006\ 0 0 0 0 0 0
                                       0
                                          0
                                             0
                                                0
                                                   0
                                                      0
                                                          0.004 0
      0.004 0.013 0 0 0.012 0.013 0 0.004 0
                                          0.004 0
                                                 0.004 0
   0.006 0.004 0
               0 0
                     0.004 0
                             0
                                0
                                   0.004 0
                                           0 0
                                                 0 0.006 0
   0.013 0
          0.006 0.004 0 0 0
                             0
                                 0.004 0.013 0.006 0.006 0 0
0.006 0
       0
          0
              0 0.006 0 0 0.006 0
                                   0
                                       0 0.004 0 0.013 0.013 0.006
0.013 0
       0.004 0
               0 0
                     0.004 0
                             0.012 0 0 0
                                            0.006 0 0.004
 395 395:000115 8:0000019 + 0 0
                              0 0
                                    0
                                        0
                                           0.006 *0.035 0.006 0
         0.006 0
                          0
                                0
                                   0.006 0 0
                                               0 0.006 0
                0 0 0
                             0
      0.006 0
                    0
                                 0
                                    0
                                       0 0 0
             0 0
                      0
                          0
                              0
                                                0 0
            0.006 0 0.006 0 0.006 0
                                   0
                                       0.006 0 0
                                                  0
                                                     0
                                                       0
0.006 0
       0.035 0
               0 0
                     0
                        0
                            0
                               0
                                  0
                                     0.006 0 0
                                                0
                                                    0
         0
            0
               0.006 0 0 0.006 0
                                  0
                                     0
                                        0 0 0 0.006 0
         0
            0
               0
                  0
                      0
                         0
                            0
                               0
                                  0
                                      0
                                         0.006 0
                                                0.006 0
                                      0 0.006 0.006 0
      0.006 0 0 0 0.035 0
                               0.035 0
                            0
0.035 0.006 0.006 0
                0
                    0
                      0.006 0
                               0.006 0
                                       0.006 0
                                               0
                                                 0
                                                        0.006 0
                      0
                         0
                            0
                               0.035 0.006 0 0
                                                     0
0
      0
         0
            0
               0 0
                                               0
                                                  0
                                                        0
   0.006 0 0 0 0.006 0
                            0
                               0.006 0
                                       0.035 0
                                               0.006 0
   0.006 0.006 0 0 0 0 0
                            0
                               0 0 0 0 0
                                               0
                                                  0 0
                                                         0
                                                            0 0
      0.006 0.035 0.006 0
                      0
                                    0
                                          0
                          0
                             0
                                 0
                                       0
                                             0
                                                0
                                                   0
                                                       0.006 0
0.006 0 0 0 0.006 0 0 0 0 0 0
                                        0 0
                                              0.006 0
        0 0.035 0 0
                      0
                          0
                             0 0
                                   0
                                       0
                                         0
                                             0
                                                 0.006 0
0.006 0.006 0 0
               0 0
                     0.035 0
                             0
                                0
                                   0.006 0 0
                                               0
                                                  0
                                                     0
0.006 0 0 0 0 0 0 0
                             0.006 0.035 0
                                             0 0.035 0
                                         0
               0 0
                         0
                               0
                                  0
                                     0.006 0
                                             0
                                                    0.006 0.006 0
         0
            0
                      0
                           0
                                                0
      0.006 0 0.006 0
                                                  0.006 0 0
                      0.006 0
                             0.006 0
                                     0
                                        0
                                           0
                                               0
0.006 0 0
         0
              0.006 0
                      0 0
                            0
                               0
                                  0
                                     0
                                        0
                                            0.006 0
                                                   0.035 0.006 0
         0.006 0.006 0
                                  0
                                         0
                                            0
                      0
                         0
                            0
                               0
                                     0
                                               0
                                                  0
                                                     0
                 0.006 0.006 0.035 0.006 0 0.006 0
         0.006 0
                                              0
                                                 0
                                                     0.006 0 0
0
   0
      0
         0.035 0
                 0.006
   0
      0
 396 396:000115 168:000049
                      + 0
                            0
                               0
                                  0.017 0
                                         0 0.004 0.006 0.004 0
0.006 0 0 0 0.004 0 0 0
                            0
                               0.006 0 0 0.013 0
                                                 0.006 0 0.004 0
         0 0.004 0 0.012 0
      0
                            0
                               0
                                  0 0.006 0.006 0
                                                     0.004 0
   0.006 0
              0 0 0 0.013 0.006 0.004 0 0.004 0.006 0
          0
              0 0.004 0 0.006 0 0 0
                                         0
                                             0 0 0
                                                      0.004 0.006
        0 0 0
                  0 0 0
                           0 0
                                  0.004 0 0
                                             0.004 0
                                                     0
      0
                             0.006 0 0 0.006 0
         0 0 0 0 0
                                                0 0.012 0.006 0
0.004\ 0 0.004\ 0.006\ 0.006\ 0 0 0.013\ 0.006\ 0 0 0.006\ 0 0
                                                          0.006 0
     0.004 0.004 0 0.006 0.006 0.004 0.004 0
                                        0.006 0.006 0.004 0
```

0 0 0 0 0 *0.046 0

0.017 0.013 0 0 0 0.012 0.004 0 0 0

```
0.006 0.004 0 0.006 0 0.006 0 0 0.006 0 0.004 0.017 0 0
0.013 0 0 0.004 0 0.006 0 0.004 0 0
                                         0.006 0 0
                                                      0.004 0.004 0.006 0
      0 0.006 0 0 0.012 0
                               0 0.006 0
                                            0.006 0
                                                     0
                                                       0
                         0 0 0 0.006 0 0
0.006 0.004 0 0 0.017 0
                                                0
                                                     0.004 0.006 0.004 0
                                     0
      0.004 0
               0
                  0
                      0
                          0
                              0
                                 0
                                       0
                                           0.004 0
                                                     0
0.006\ 0 0.006\ 0 0 0 0 0
                                   0 0 0 0 0.004 0 0
0.004 0.004 0 0.006 0
                      0
                          0.006 0
                                   0.006 0
                                            0.013 0.012 0.012 0
                                                               0
      0.004 0.006 0 0.006 0.006 0
                                   0.006 0
                                               0.004 0.006 0
                                            0
                                                             0.006 0.006
0.006 0 0
           0.006 0.006 0
                          0
                              0
                                0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                       0
                                                          0
                                                                 0.004 0
      0.004 0.013 0 0
                                                       0.004 0
                        0.012 0.013 0
                                      0.004 0
                                               0.004 0
                                                                 0.006 0
   0.006 0.004 0
                 0
                     0
                        0.004 0
                                 0
                                     0
                                        0.004 0
                                                0 0
   0.013 0
            0.006 0.004 0 0 0
                                0
                                     0.004 0.013 0.006 0.006 0 0
                               0.006 0
0.006 0
               0
                  0.006 0
                            0
                                        0
                                            0
                                               0.004 0
                                                        0.013 0.013 0.006
0.013 0 0.004 0
                0 0 0.004 0
                                0.012 0
                                         0
                                              0
                                                 0.006 0
                                                          0.004
 397 397:000116 18:0000046
                         + 0
                                0.029 0
                                        0
                                            0
                                                0.029 0
                                                            0
                                                                0
                                                        0
                                                                   0
                                                                       0
          0.029 0
                  *0.074 0
                            0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                         0
0.029 0 0 0 0
                   0 0
                         0 0.029 0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                                                         0.029 0.029 0
                                                                       0
0.029 0 0.029 0
                 0
                     0
                        0
                            0
                                0
                                       0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                       0
                         0.024 0
                                       0
   0 0.029 0
               0
                  0
                      0
                                   0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0.029
0.029 0
                       0
                         0
                              0
                                0 0.029 0.029 0
                                                   0
                                                      0
                                                          0
        0
               0
                   0
                                                              0
0.024 0.029 0
                        0
                            0
                               0
                                   0
                                       0
                                          0
                                              0
                                                     0
                                                            0
              0
                 0
                     0
                                                 0
                                                         0
                                                                0
                                                                       0
                0
                       0
                         0
                              0
                                0
                                     0
                                        0
                                            0
                                                   0
                                               0
                                                            0.029 0
0
   0
          0
                         0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
       0
              0
                 0
                     0
                            0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0.029 0
                                                   0
                                                       0
                                                          0
                                                                  0.024 0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
                                                                    0
0
   0
       0
          0
              0
                 0
                     0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
0
   0
       0
          0
              0
                 0
                     0.074 0
                              0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
0
   0
       0
          0
              0
                 0
                         0
                            0
                                0
                                   0
                                       0
                                           0
                                              0
                                                  0
                                                     0
0
   0
       0
          0.029 0
                   0
                       0
                         0
                              0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
0
   0
       0
          0
              0
                     0.029 0
                              0
                                     0
                                        0
                                            0
                                                   0
0
   0
      0
          0
              0
                 0
                         0
                            0
                               0
                                   0
                                      0
                                          0
                                              0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                0
0
   0
       0
          0
                     0.029 0
                              0
                                 0
                                     0
                                        0
                                            0
                                                0
                                                   0
                                                       0
                                                          0
0
   0
       0
          0
                               0 0
                                      0
                                          0
                                              0
              0
                 0
                         0
                            0
                                                  0
                                                     0
                                                         0
0
   0
       0
                                0 0.029 0
                                              0
                                                 0
          0
              0.029 0
                      0
                         0 0
                                                     0.029 0
0
   0
                 0
                     0
                        0.029 0 0 0 0.036 0
                                                     0
                                                            0
                                                                0
                                                                   0 0
       0
          0
              0
                                                         0
   0
          0
              0.024 0
       0
                                                  0.008 0.006 0.008 0
 398 398:000116 34:0000095 + 0
                               0
                                   0
                                      0
                                          0
                                              0
0.006 0
                               0.007 0.006 0
                                              0
                                                 0.004 0 0.006 0
                                                                   0.008
       0
           0
               0.008 0
                        0 0
       0.007 0
                   0.008 *0.013 0 0
                                                0.006 0.006 0
               0
                                     0
                                         0
                                            0
       0
          0.006 0
                              0
                                 0.004 0.006 0.008 0
                                                     0.008 0.006 0
   0
                   0
                       0
                         0
                                                                   0.008
   0.006 0
               0
                   0
                       0.008 0
                               0.006 0
                                        0
                                            0
                                               0
                                                   0.013 0
                                                                   0.008
0.006 0 0
            0
                       0
                         0
                              0
                                 0
                                     0
                                        0
                                            0.008 0
                                                     0.01 0.008 0
                                                                  0
                                                                      0
               0
                   0
          0.008 0
                   0
                       0
                          0
                              0
                                 0
                                     0
                                         0.006 0
                                                 0
                                                     0.006 0
0.006 0 0.004 0 0.008 0.006 0.006 0
                                     0
                                        0
                                            0.004 0.006 0 0 0.006 0
```

```
0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008
   0.008 0
           0.004 0
                  0 0.007 0
                             0.008 0 0.01 0.007 0
                                                 0
                                                    0
                                                        0
      0.006 0.008 0
                   0.006 0.007 0.006 0 0
                                       0 0.006 0
                                                  0.004 0 0.007 0
   0.004 0
              0.008 0 0.006 0 0.008 0 0 0.006 0 0
                                                    0.008 0.008
0.006 0
                0.006 0
                         0
                           0 0
                                  0 0.006 0
                                             0.006 0
                                                     0
0.008 0.006 0.008 0
                          0 0 0 0.006 0
                0 0 0
                                            0
                                               0 0.008 0.006 0.008
   0.013 0
           0.008 0
                   0 0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                            0.008 0
                                                    0
   0.006 0
           0.006 0
                   0
                      0
                            0
                               0
                                   0
                                      0
                                         0
                                            0
                                               0.008 0
                         0
0.004 0
                                                 0
                                                        0.01 0
       0
          0.008 0.006 0 0.006 0.006 0 0.006 0
                                           0
                                              0.008 0.006 0
                                                            0.006
0.006 0.006 0 0 0.006 0.006 0 0 0 0
                                         0
                                               0
                                                     0
                                                         0.008 0
0.008 0
           0 0.008 0.004 0 0 0 0.004 0
                                         0.008 0
                                                 0.008 0
      0
0.006 0
       0.007 0.006 0.008 0
                        0 0
                              0.008 0 0
                                          0
                                             0.008 0
0.006 0 0
          0.004 0
                  0.006 0.008 0
                               0
                                  0 0
                                         0.008 0.004 0.006 0.006 0
   0 0.006 0
                0 0
                       0.006 0
                                   0.006 0
                                          0
                                              0
                                                0.008 0
              0
                               0
0.004 0.006 0.004 0
                0.008 0 0
                           0
                               0.008 0 0
                                          0
                                                    0.006 0
                                             0
                                                 0
 399 399:000116 65:0000165 + 0.023 0 0.006 0 0 0 0 0
0.022 0.006 0
               0
                  0 0 0
                            0 0
                                  0 0 0.013 0
                                                0
                                                    0
               0 0.012 0 0 0 0 0.023 0 0.013 0
         0
            0
            0.023 0 0 0 0.022 0
                                  0 0 0 0
                                               0 *0.035 0
          0
              0 0
                    0
                           0
0.023 0
       0
                      0
                              0
                                 0
                                    0
                                       0
                                          0 0
                                                0.021 0 0
                                                            0
         0
            0
               0 0
                     0
                         0
                            0
                               0
                                   0
                                      0
                                         0
                                            0
                                               0
                                                   0
0.023 0 0.012 0
               0.012 0.022 0
                            0
                               0
                                  0
                                      0
                                         0
                                           0
                                               0.023 0
                                                       0
                                      0.013 0
                0
                   0
                      0
                         0
                            0
                                0
                                   0
                                             0
                                                 0
                                         0.022 0
         0
            0
                0
                   0
                      0
                         0
                            0
                               0
                                   0
                                      0
                                                 0
                                                   0.012 0
0.023 0 0
          0
              0
                0
                    0
                       0
                           0
                             0 0
                                   0 0 0
                                              0
                                                 0
         0
            0
               0.023 0
                       0.023 0 0
                                  0
                                      0
                                         0 0
                                               0
                                                   0
                                                      0
                                 0 0 0.023 0.032 0.023 0
      0.023 0
              0
                 0
                    0
                           0
                              0
         0.023 0
                    0
                                  0
                                      0
                                         0 0
   0
                 0
                       0.013 0
                               0
                                               0
                                                   0
                                                      0
0.021 0 0
                                    0 0
          0
              0
                 0
                    0
                       0
                           0
                              0
                                 0
                                         0
                                              0
0.021 0.023 0 0 0.023 0
                       0
                          0
                              0
                                 0
                                   0.006 0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
      0.006 0
             0
                0
                   0.023 0
                            0.021 0
                                    0
                                       0
                                          0
                                              0
                                                 0.023 0
                                                         0.006 0
   0.021 0
          0 0 0 0 0 0.023 0
                                  0
                                         0
                                               0
                                                   0
                                                      0
                                      0
                                            0
   0.006 0.023 0 0 0 0 0
                            0
                               0
                                   0
                                      0
                                         0
                                               0
                                                      0
                                                         0
                                                            0
                0 0
                      0
                         0
                             0.023 0
                                               0
                                                      0
                                                            0
                                                               0
           0
              0
                                      0
                                         0
                                            0
                                                   0
                                                         0
                     0
                         0 0.013 0
                                   0 0
                                              0
                                                    0
            0 0
                   0
                                          0
                                                0
0.006 0
          0
              0
                 0
                    0
                       0
                           0
                              0
                                 0
                                   0.023 0
                                            0
                                               0
                                                   0
                                                      0
       0
   0.023 0
          0
              0
                 0.021 0
                         0
                            0
                               0
 400 400:000117 38:0000103
                       + 0
                            0
                                0
                                   0
                                      0
                                         0
                                            0
                                         0
                                                0
                                                      0
            0
                            0
                                0
                                   0
                                      0
                                            0
                                                   0
                   0
                      0
                         0
               *0.043 0
                        0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                              0
                                                  0
                     0
                         0
                            0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
   0
      0
         0
            0
               0
                   0
0.043 0
           0
              0
                0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                       0
                                           0
                                              0
                                                 0
                                                    0.043 0
            0 0 0 0 0 0.043 0
                                   0 0
                                           0
                                              0
                                                 0
                                                    0
                                                      0
```

```
0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0
                                            0
                                               0 0
                                                   0
0
   0.043 0
           0
               0
                  0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                          0
                                             0
                                                 0
                                                       0
                                                          0
0
      0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0.043 0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
0
   0
                                                         0.043 0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
0
   0
                       0
                                                      0
      0
          0
             0
                 0
                    0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                         0
                                                             0
   0
                    0
                           0
      0
          0
             0
                 0
                       0
                              0.043 0 0 0
                                            0 0
                                                   0.043 0.043 0
0.043 0 0
          0.043 0
                    0
                       0
                           0
                              0
                                 0
                                    0
                                        0 0 0
                                                  0
                                                      0
                                                         0
0.043 0 0
          0 0 0 0 0 0 0 0 0 0 0 0
  0 0
         0
             0
                0
                    0
                       0
                           0
                              0 0
                                    0
                                        0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
0 0.043 0
              0
                 0.043 0 0
                              0
                                 0
                                     0
                                        0
                                           0 0
                                                  0.043 0
                                                          0
0.043 0 0
                 0 0 0 0 0 0 0 0 0 0 0
          0
               0
                                                          0
0.043 0
               0
                     0.043 0
                              0
                                     0 0
                                           0
                                             0
                                                  0
                                                         0
                                                                0
                                 0
                                                      0
                                                             0
   0
             0 0 0.043 0 0 0 0.043 0.043 0 0
                                                   0
                                                       0
                                                           0
0
                 0
                    0
                             0 0.043 0 0 0 0
                                                       0
                       0 0
 401 401:000117 299:000083
                        + 0
                                  0
                                     0
                                                         0
                              0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                             0
                                                                0
                                  0
                                        0
                                                      0
                                                                0
0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                     0
                                            0
                                               0
                                                   0
                                                         0
                                                             0
                                                                0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
0
                                                                0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
          0
                       0
                                     0
                                                   0
                                                                0
      0
             0
                 0
                    0
                           0
                              0
                                 0
                                        0
                                            0
                                               0
                                                      0
                                                         0
                                                             0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
      0
          0
             0
                    0
                       0
                           0
                                 0
                                     0
                                        0
                                               0
                                                      0
                                                             0
                                                                0
                 0
                              0
                                            0
                                                   0
                                                         0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
          0
                 0
                       0
                              0
                                     0
                                            0
                                                   0
                                                         0
                                                                0
      0
             0
                    0
                           0
                                  0
                                        0
                                               0
                                                      0
                                                             0
0
   0
      0
          0
             0
                 0
                    0
                       0
                           0
                              0
                                  0
                                     0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                         0
                                                             0
                                                                0
0
   0
      0
          0
             0
                    *0.31 0
                 0
                            0
                               0
                                   0
                                      0
                                          0
                                            0
                                                 0
                                                    0
                                                       0
0
   0
      0
          0
             0
                 0
                       0
                           0
                              0
                                 0
                                    0
                                        0
                                            0
                                               0
                                                  0
                                                      0
                                                         0
                                                             0
                                                                0
                    0
0
   0
      0
          0
             0
                    0
                       0
                           0
                                  0
                                     0
                                        0
                                            0
                                               0
                 0
                              0
                                                   0
0.071 0 0
          0
               0
                     0
                        0
                            0
                               0 0
                                      0
                                         0
                                                 0
                                                       0
                 0
                                            0
                                                    0
                                                           0
                                                              0
                                                                  0
                                                0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0 0 0.31 0
                                             0
                                                    0
                                                       0
                                                          0
                                                                 0
   0
      0
          0
             0
                0
                    0
                       0
                           0
                              0.31 0
                                      0 0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
 402 402:000117 34:0000095
                                    0 0
                                           0 0.008 0.006 0.008 0
                        + 0
                              0
                                 0
0.006 0 0 0
               0.008 0 0 0
                              0.007 0.006 0 0 0.004 0 0.006 0
                                                               0.008
   0 0.007 0
               0
                  0.008 *0.013 0 0 0 0 0.006 0.006 0 0
                                0.004 0.006 0.008 0
          0.006 0
                        0
                            0
                                                  0.008 0.006 0
   0.006 0
          0
               0
                  0
                      0.008 0
                             0.006 0
                                      0
                                          0
                                             0 0.013 0 0 0
                                                                0.008
0.006 0 0
           0
                      0
                         0
                            0
                                0
                                   0
                                      0
                                          0.008 0
                                                  0.01 0.008 0
  0 0.008 0
                  0
                      0
                         0
                            0
                                0
                                   0
                                       0.006 0 0
                                                  0.006 0 0
```

```
0.004 0
                  0.008 0.006 0.006 0 0
                                             0.004 0.006 0 0
0.006 0
        0
            0
                0.008 0
            0.004 0
                     0
                         0.007 0
                                 0.008 0 0.01 0.007 0
                                                        0
       0.006 0.008 0
                     0.006 0.007 0.006 0
                                             0 0.006 0
                                        0
                                                         0.004 0
                                                                   0.007 0
                0.008 0
                                              0.006 0
   0.004 0
                         0.006 0
                                  0.008 0
                                          0
                                                       0
                                                           0.008 0.008
                                    0 0.006 0
0.006 0
       0
                0
                   0.006 0 0 0
                                                    0.006 0
                                                             0
            0
0.008 0.006 0.008 0
                   0
                       0
                          0
                              0
                                  0
                                      0
                                        0.006 0
                                                  0
                                                      0
                                                         0.008 0.006 0.008
   0.013 0
            0.008 0
                                        0
                                           0
                                                   0.008 0
                                                                   0.006 0
                     0
                         0
                             0
                                0
                                    0
                                               0
                                                            0
   0.006 0
            0.006 0
                     0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                      0.008 0
0.006 0
                                               0.004 0
                                                         0
                                                            0
                                                                0.01 0
           0.008 0.006 0
                          0.006 0.006 0
                                         0.006 0
                                                  0
                                                      0.008 0.006 0
0.006 0.006 0 0
                 0.006 0.006 0 0 0
                                       0
                                          0
                                               0
                                                  0
                                                      0
                                                             0
                                                          0
                                                                 0
                                                                     0
0.008 0
                0.008 0.004 0
            0
                              0
                                 0
                                     0.004 0
                                               0.008 0
                                                        0.008 0
                                                                 0.008 0
0.006 0
         0.007 0.006 0.008 0
                           0 0
                                    0.008 0
                                             0
                                                0
                                                    0.008 0
                                                                 0
            0.004 0
                     0.006 0.008 0
                                               0.008 0.004 0.006 0.006 0
                                    0
                                       0
                                          0
       0.006 0
                   0
                       0
                          0.006 0
                                        0.006 0
                                                        0.008 0
                0
                                    0
                                                0
                                                    0
                                                                 0.004
0.004 0.006 0.004 0
                   0.008 0
                            0
                                    0.008 0
                                                0
                                                    0
                                                        0
                                                           0.006 0
                                0
                                             0
                                                                    0.008
 403 403:000117 83:0000224
                          + 0.021 0
                                      0
                                         0
                                             0
                                                 0
                                                    0
                                                        0
                                                            0
0
       0
              0
                  0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                 0
0
       0
              0
                  0
                      0
                         0
                             0
                                0
                                    0.021 0
                                             0
                                                 0
                                                    0
                                                        0.021 0
                                                                        0
                                                                 0
                       0
0
   0.021 0
            0
                0
                    0
                           0
                              0
                                  0
                                      0
                                         0
                                             0
                                                 0
                                                     0
                                                        0.021 0
                                                                     0
                                                                         0
0
       0
           0
                      0
                         0
                             0
                                0
                                   *0.101 0
                                              0
                                                 0
              0
0
   0
       0
                                        0
                                           0
                                               0
                                                   0
                                                      0.021 0
           0
              0
                  0
                     0
                         0
                             0
                                0
                                    0
0
                                                    0
   0
       0
           0
              0
                  0
                     0
                         0
                             0.021 0
                                      0
                                         0
                                             0
                                                 0
0
   0
          0
              0
                         0
       0
                  0
                     0
                             0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
0
       0
              0
                      0
   0
           0
                  0
                         0
                             0
                                0
                                    0
                                        0
                                            0.021 0
                                                    0
                                                        0
                                                            0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0.021 0
         0
                                      0
                                                    0
                                                        0.021 0
0.021 0
            0
                0
                   0
                       0
                          0
                              0
                                  0
                                        0
                                             0
                                                0
                  0.021 0
                           0.021 0
                                        0
                                               0
                                                   0
                                                      0
                                                          0.021 0
0
   0
       0
           0
              0
                                    0
                                           0
                                                                   0
0
   0
       0
           0
              0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                            0.101 0
                                                    0
                                                        0
                                                            0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                            0
                                               0.021 0
                                                        0
                                                           0.021 0
0
       0
   0
           0
              0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0.021 0
0
   0
       0
          0
              0
                                        0.101 0
                                                   0
                                                      0
                                                          0
                                                              0
                  0.021 0
                           0
                              0
                                  0
                                      0
                                                                     0.021
0
   0
       0
           0
              0
                                            0.021 0
                  0
                      0
                         0
                             0
                                    0
                                        0
                                                    0
                                                        0
                                                            0
                                                                   0
0
   0
                                0.101 0
                                         0
                                                                   0.021 0
       0
           0
              0
                  0
                         0
                             0
                                             0
                                                     0
                                                        0
                                                            0
                      0
                                                 0
0
   0
           0
                                            0
                                               0
                                                              0
                                                                 0
                                                                     0
       0
              0
                  0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                                   0
                                                      0
                                                          0
0
   0
       0
           0
              0
                  0
                      0
                         0
                             0
                                0
                                    0
                                        0
                                            0
                                               0
                                                   0
                                                          0
                                                              0
                                                      0
0.021 0
         0
           0 0
                  0 0 0 0 0 0.021 0
                                               0
                                                   0
                                                      0.101 0
                                                              0
   0
       0
 404 404:000118 35:0000097
                          + 0
                                0
                                    0
                                        0
                                           0
                                               0
                                                   0
                                                      0
                                                          0
                                                              0
                                                                     0
                                                                 0
                      0
                             0
                                0
                                    0.012 0
                                             0
                                                 0
                                                     0
                                                            0
       *0.105 0
                0
                    0
                       0
                           0
                               0
                                   0
                                      0
                                          0
                                              0
                                                 0
0
                                                     0
                                                         0
                                                            0
                                                                       0
       0.012 0
                       0
                          0
                              0
                                  0
                                      0
                                         0
                                             0
                                                     0
0
   0
              0 0
                     0
                        0
                             0 0 0 0
                                           0
                                              0
                                                   0
                                                      0
                                                          0
```

```
0
                               0
                                  0
                                      0
       0
          0
             0.105 0
                      0
                         0
                             0
                                0
                                    0
                                       0
                                           0
                                              0
                                                  0
                                                     0.012 0
                                                                 0
                                                                     0
                 0
                        0
                           0
                                  0
                                      0
                                         0
               0.105 0
0.012 0
        0
            0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                          0
                                                                 0
                                                                     0
          0
             0
                    0
                        0
                            0
                               0
                                  0
                                      0
                                         0
                                             0.012 0
                                                     0
                                                         0
                                                       0.105 0
0
   0
      0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
          0
                           0
0
   0
      0
          0
             0
                 0
                    0
                        0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                           0
0
   0
          0
                 0
                        0
                               0
                                      0
                                             0
      0
             0
                    0
                           0
                                  0
                                         0
                                                0
                                                    0
                                                           0
                                                              0
                                                                  0
                                                       0
0
   0
          0
      0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0.012 0.105 0.105 0
                                                            0
                                                                0
                                                                   0
0
   0
      0
          0
             0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                0
                                                    0
0
   0
       0
          0
                 0
                    0
                        0
                           0
                               0
                                  0
                                      0
                                         0
                                             0
                                                              0.012 0
              0
                                                0
                                                    0
                                                       0
                                                           0
                        0
                               0
                                      0
                                                          0
   0.105 0.012 0
                 0
                    0
                           0
                                  0
                                         0
                                             0
                                                0
                                                    0
                                                       0
   0
      0
         0
                 0
                        0
                           0
                               0
                                  0
                                      0.012 0
                                                  0
                                                                0
             0
                    0
                                              0
                                                     0 0
0.012 0 0
          0 0
                               0 0
                                      0
                 0 0
                        0
                           0
                                           0
                                                  0
   0.012 0.012 0
                0.012 0
                         0
                                    0
                                       0
                                              0.105 0
                                                          0
                             0
                                0
                                           0
                                                       0
                                                              0
                               0 0.006 0
 405 405:000118 215:000062
                        + 0
                                           0
                                              0
                                                  0
                                                    0 0
                                                           0.007 0 0
0.006 0.008 0 0 0 0 0
                           0
                               0.008 0.01 0
                                            0
                                               0 0.008 0
                                                           0.008 0.008
      0.008 0 0 0.008 0
                                             0.008 0
                               0
                                  0
                                      0
                                         0
                                                     0.008 0
      0.008 0
               0.008 0
                       0 0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0
                                                        0
                                                               0.008
       0
          0.007 0 0 0 0.007 0.007 0
                                        0
                                            0.007 0.008 0
0.008 0
                                                          0
                                                             0.008 0
0.008 0.008 0.008 0
                 0 0 0.01 0.008 0.008 0
                                            0.008 0
                                                    0
                                                       0.008 0
0.008 0.008 0
             0
                 0.008 0.008 0
                              0 800.0 0 0
                                             0 0
                                                     0
                                                        0
                                                            0.007 0.008
                           0.008 0 0.008 0
      0
                 0
                        0
                                            0 0
                                                   0.007 0
                                                            0.007 0
0.007 0.008 0
                    0.008 0
                             0 0 0
                                      0
                                          0 0 0 0.008 0
             0
                 0
                                                              0 0
                              0.008 0 0.008 0 0
          0
             0
                 0
                        0
                           0
                                                   0.007 0
      0.008 0.008 0
                    0
                        0
                           0
                              0 0 0 0.008 0 0.008 0.008 0
      0.01 0.008 0
                    0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0
       0
           0.008 0
                    0.008 0 *0.011 0.008 0
                                           0
                                                 0
                                              0
                                                    0
                                                         0
                                                           0.007 0
   0.008 0
            0.008 0.007 0 0 0 0
                                              0.007 0 0.007 0
                                           0
   0.008 0.008 0.008 0 0 0 0.008 0
                                          0.008 0 0
                                                      0.008 0
                                                               0.007 0
0.008 0 0.008 0 0
                    0.007 0.008 0
                                0.008 0
                                          0
                                              0
                                                0
                                                     0.006 0.008 0
0.008 0 0 0 0.008 0 0.006 0 0
                                           0 0
                                                  0
                                                     0
                                                        0
                                                            0.007 0 0
                0.007 0 0 0 0.008 0 0 0
                                                   0.008 0
         0
             0
0.008 0.008 0.007 0
                  0.006 0.011 0.008 0.006 0 0.008 0.008 0
                                                           0.008 0.007
                                                       0
                0
                    0.008 0 0.008 0 0 0 0.007 0
                                                     0.008 0
          0
             0
0.008 0 0.008 0
                 0
                    0
                        0.008 0 0.008 0.008 0 0
                                                 0.008 0 0.008 0.008 0
0.008 0 0 0.008 0
                    0
                        0
                           0 0 0 0 0.008 0
                                                  0
                                                     0.006 0
                       0 0.007 0 0 0 0 0
      0.008 0.007 0
                    0
                                                  0
                                                     0 0
                                                            0 0 0
          0.008 0.008 0.008 0
                             0
 406 406:000118 215:000062
                        + 0
                                  0.006 0
                                           0
                                              0
                                                  0
                                                            0.007 0 0
                               0
0.006 0.008 0 0 0
                    0 0
                           0
                               0.008 0.01 0
                                            0 0.008 0
                                                           0.008 0.008
       0.008 0
               0
                  0 0.008 0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0.008 0
       0.008 0
               0.008 0 0 0
                               0
                                  0
                                      0
                                         0
                                             0.008 0
                                                     0 0
```

```
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0 0.007 0.008 0 0 0.008 0
0.008 0.008 0.008 0
               0
                   0 0.01 0.008 0.008 0 0.008 0
                                              0
                                                0.008 0
0.008 0.008 0
               0.008 0.008 0 0 0 0.008 0
                                        0 0
                                              0
                                                     0.007 0.008
                     0 0.008 0 0.008 0 0 0 0.007 0
  0
      0
        0
            0
               0
                  0
                                                     0.007 0
                               0
                                        0 0
                                              0.008 0
0.007 0.008 0
            0
               0
                  0.008 0
                         0
                           0
                                  0
                                     0
  0
                        0 0.008 0 0.008 0 0 0.007 0 0 0.007 0
      0
         0
            0
               0
                  0
                     0
      0.008 0.008 0
                  0
                     0
                        0
                          0 0 0 0.008 0 0.008 0
     0.01 0.008 0
                 0.008 0.008 0 0 0 0.008 0.008 0.007 0.008 0
0.008 0 0
                  0.008 0 *0.011 0.008 0
          0.008 0
                                     0
                                        0 0 0 0 0.007 0
0 0.008 0
         0.008 0.007 0 0 0 0 0
                                 0
                                     0
                                        0.007 0 0.007 0 0.008 0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                                0.008 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                        0 0
                                              0.006 0.008 0 0
                                     0
         0 0 0.008 0 0.006 0 0
                                  0
                                               0
                                                     0.007 0
0 0 0 0 0 0.007 0 0 0 0.008 0 0 0 0 0.008 0
0 0.008 0.007
0 0 0
                  0.008 0 0.008 0
                                0 0
                                       0.007 0
                                              0.008 0
        0 0 0
0.008 0 0.008 0 0
                     0.008 0 0.008 0.008 0 0
                                           0.008 0 0.008 0.008 0
                  0
0.008 0 0 0.008 0
                  0
                     0 0 0 0 0 0.008 0
                                           0
                                              0.006 0
                                                     0 0
0 0 0.008 0.007 0
                  0 0 0.007 0 0 0
                                     0
                                           0
                                        0
                                               0
                                                  0
                                                     0 0 0
         0.008 0.008 0.008 0 0
 407 407:000118 215:000062
                     + 0
                           0 0.006 0 0 0
                                           0
                                              0
                                                 0
                                                    0.007 0 0
0.006 0.008 0 0 0 0 0 0
                           0.008 0.01 0
                                      0 0.008 0
                                                    0.008 0.008
                                       0.008 0
0 0 0.008 0 0 0.008 0
                           0
                              0 0 0
                                              0.008 0 0 0 0
0 0.008 0
             0.008 0
                    0
                                       0.008 0
                       0
                           0
                              0
                                 0
                                    0
                                              0
0.008 0 0 0.007 0 0 0 0.007 0.007 0 0
                                       0.007 0.008 0 0 0.008 0
0.008 0.008 0.008 0
               0 0 0.01 0.008 0.008 0
                                      0.008 0
                                              0 800.0
                                                     0.007 0.008
0.008 0.008 0
            0
               0.008 0.008 0 0 0 0.008 0
                                        0 0
                                              0
                                                  0
0 0
                     0 0.008 0 0.008 0 0 0 0.007 0
      0
            0
               0
                                                     0.007 0
0.007 0.008 0
            0
               0
                  0.008 0 0 0 0
                                 0
                                     0
                                        0 0
                                              0.008 0
                                                     0 0
                        0 0.008 0 0.008 0 0 0.007 0
  0
      0
         0
            0
              0
                  0
                     0
                                                    0 0.007 0
     0.008 0.008 0
                  0
                     0 0 0 0 0 0.008 0 0.008 0.008 0
     0.01 0.008 0
                 0.008 0.008 0 0 0
                                   0.008 0.008 0.007 0.008 0
0.008 0 0
          0.008 0 0.008 0 *0.011 0.008 0
                                     0
                                        0 0 0 0 0.007 0
0 0.008 0
          0.008 0.007 0 0 0 0 0
                                        0.007 0 0.007 0 0.008 0
                                     0
0 0.008 0.008 0.008 0 0 0 0.008 0
                                     0.008 0 0
                                               0.008 0
                                                       0.007 0
0.008 0 0.008 0 0 0.007 0.008 0 0.008 0
                                     0 0 0.006 0.008 0 0
0.008 0 0 0 0.008 0 0.006 0 0
                                     0 0
                                           0
                                              0
                                                 0
                                                     0.007 0 0
        0 0
              0.007 0 0 0 0.008 0 0 0
                                             0.008 0
               0.006 0.011 0.008 0.006 0 0.008 0.008 0 0
0.008 0.008 0.007 0
                                                    0.008 0.007
                  0.008 0 0.008 0 0
                                       0.007 0
                                              0.008 0
         0
            0
              0
0.008 0 0.008 0 0
                  0
                     0.008 0 0.008 0.008 0 0
                                           0.008 0 0.008 0.008 0
0.008 0
       0
         0.008 0
                  0
                     0 0 0 0 0 0.008 0
                                           0
                                              0.006 0 0 0 0
  0 0.008 0.007 0
                  0
                     0 0.007 0 0 0 0 0
                                           0
                                              0 0
   0 0 0.008 0.008 0 0 0
```

```
408 408:000119 8:0000019 + 0 0
                               0 0
                                      0 0 0.006 *0.035 0.006 0
          0.006 0
                  0
                     0
                        0
                            0
                               0
                                   0
                                      0.006 0 0
                                                  0 0.006 0
      0.006 0
               0
                  0
                     0
                        0
                            0
                               0
                                   0
                                      0
                                          0 0 0
                                                   0 0 0
             0.006 0 0.006 0 0.006 0
                                         0.006 0
          0
                                     0
                                                  0 0 0
                                                          0
0.006 0
        0.035 0
                0 0
                       0
                          0
                              0
                                 0
                                    0
                                        0.006 0
                                                0
                                                    0
                                                       0
                                           0 0
                0.006 0 0 0.006 0
                                    0
                                        0
   0
          0
             0
                                                  0 0.006 0
          0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0.006 0
                                                   0.006 0
                                                            0.035 0
      0.006 0 0
                 0 0.035 0
                                 0.035 0
                                            0 0.006 0.006 0
                              0
                                         0
0.035 0.006 0.006 0
                     0
                 0
                        0.006 0
                                 0.006 0
                                         0.006 0
                                                  0
                                                     0
                                                            0.006 0
      0
          0
             0
                0
                   0
                       0
                          0
                              0
                                 0.035 0.006 0 0
                                                  0
                                                     0
                                                         0
                                                            0
                                                               0
0
   0.006 0
          0 0 0 0.006 0
                              0
                                 0.006 0
                                         0.035 0
                                                  0.006 0
   0.006 0.006 0 0 0
                      0 0
                              0
                                 0 0 0 0 0
                                                  0
                                                     0 0
                                                            0
      0.006 0.035 0.006 0
                        0
                            0
                               0
                                   0
                                      0
                                         0
                                             0
                                                0
                                                    0
                                                       0
                                                          0.006 0
0.006 0 0 0 0.006 0 0 0 0 0 0 0 0
                                                  0.006 0
                                                         0
         0 0.035 0 0 0 0
                                                   0.006 0
                               0 0
                                     0 0
                                            0
                                                0
0.006 0.006 0 0
                      0.035 0
                                   0
                                     0.006 0
                                             0
                                                  0
                0 0
                              0
                                                     0
                                                        0
0.006 0 0 0 0 0 0 0
                              0.006 0.035 0 0
                                                0
                                                   0.035 0
   0
         0
             0
                0
                  0
                       0
                          0
                             0
                                 0
                                    0
                                        0.006 0
                                                0
                                                   0 0.006 0.006 0
      0.006 0
               0.006 0
                       0.006 0
                               0.006 0
                                        0
                                           0
                                              0
                                                  0
                                                     0.006 0
                                              0.006 0
0.006 0 0 0
               0.006 0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                                       0.035 0.006 0
          0.006 0.006 0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
   0
                       0
                          0
          0.006 0
0
   0
      0
                  0.006 0.006 0.035 0.006 0 0.006 0
                                                 0
                                                    0
                                                        0.006 0
   0
      0
          0.035 0
                  0.006
                        + 0 0.029 0 0 *0.047 0.029 0
 409 409:000119 5:0000014
                                                       0
                                                          0
          0 0.029 0 0
                            0
                                     0
                                                0
                       0
                               0
                                   0
                                         0
                                             0
                                                       0
0.029 0 0
          0
               0
                  0
                     0
                         0
                            0.029 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0.029 0.029 0
0.029 0 0.029 0
                0
                    0
                       0
                          0
                             0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                         0
                                                            0
                                                                   0
                 0 0
                        0.032 0
      0.029 0
               0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                     0
                                                            0.029
0.029 0
                     0
                        0
                            0
                                  0.029 0.029 0
        0
               0
                  0
                               0
                                                0
                                                   0
                                                       0
                                                          0
           0
0.032 0.029 0
             0
                0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                              0
                                                  0
                                                     0
0.024 0
        0
          0
               0
                 0
                     0
                        0
                            0
                              0
                                   0
                                     0 0
                                            0
                                                0
                                                   0 0
                                                         0
                                                              0
                                                                 0
                                                         0.029 0
      0
          0
             0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
0
   0
      0
                                     0
                                        0.029 0
                                                0.047 0
                                                         0
                                                               0.032
          0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                                            0
0
      0
   0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                                0
0
   0
      0
             0
                0
                    0
                       0
                           0
                              0
                                 0
                                     0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
0.047 0
        0
           0
               0
                     0
                            0
                              0 0
                                     0 0
                                            0
                                                0
                                                       0
                 0
                        0
                                                   0
0
          0
                    0
                       0
                          0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
   0
      0
             0
                0
0
   0
      0
          0
             0
                0.029 0
                        0
                            0 0
                                   0
                                     0
                                         0
                                             0
                                                0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0.029 0
                                   0 0 0
                                            0
                                                0
                                                    0
                                                       0
0
   0
      0
          0
             0
                                           0
                                                  0
                0
                    0
                                 0
                                    0
                                        0
                                               0
                                                      0
                                                         0
0
   0
      0
          0
             0
                0
                    0
                       0
                           0.029 0
                                   0
                                     0
                                         0
                                             0
                                                0
                                                    0
                                                       0
0
   0
      0
          0
             0
                0
                    0
                       0
                              0
                                 0
                                    0
                                        0
                                           0
                                               0
                                                  0
                                                      0
                                                         0
                                                            0
   0
                    0.029 0 0 0 0 0 0.029 0
0
      0
          0
             0
                0
                                                  0
                                                     0
                                                         0.029 0
```

0 0 0 0 0.029 0 0 0 0 0.024 0 0 0 0 0 0 0 0.032 0 410 410:000119 34:0000095 0.008 0.006 0.008 0 + 0 0 0 0 0 0 0 0 0.008 0 0 0 0.007 0.006 0 0 0.004 0 0.006 0 0.008 0 0 0.007 0 0 0.008 *0.013 0 0 0 0 0 0.006 0.006 0 0 0.006 0 0 0 0 0 0.004 0.006 0.008 0 0.008 0.006 0 0.006 0 0 0 0 0.008 0 0.006 0 0 0 0 0.013 0 0 0.008 0 0.006 0 0 0 0 0 0 0 0 0.008 0 0.01 0.008 0 0.008 0 0 0 0 0 0.006 0 0 0.006 0 0 0 0 0 0 0.004 0 0.008 0.006 0.006 0 0 0 0.004 0.006 0 0.006 0 0.006 0 0.008 0.008 0 0.006 0.006 0.008 0.008 0.007 0.006 0.006 0.008 0 0.008 0 0.007 0 0.008 0 0.01 0.007 0 0.004 0 0 0.006 0.007 0.006 0 0 0.006 0.008 0 0 0 0.006 0 0.004 0 0.007 0 0.004 0 0.008 0 0.006 0 0.008 0 0 0.006 0 0 0.008 0.008 0.006 0 0 0 0 0.006 0 0 0 0 0 0.006 0 0.006 0 0 0 0.008 0.006 0.008 0 0 0 0 0 0 0 0.006 0 0 0 0.008 0.006 0.008 0.013 0 0 0 0 0.008 0 0.008 0 0 0 0 0 0 0 0.006 0 0.006 0 0.006 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0.008 0.008 0 0.006 0.007 0.01 0.006 0 0.006 0 0.004 0 0 0 0.01 0 0.008 0.006 0 0.006 0.006 0 0.006 0 0 0.008 0.006 0 0.007 0 0.006 0.006 0.006 0 0 0.006 0.006 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0 0.008 0.004 0 0.004 0 0.008 0 0.008 0 0 0 0.008 0 0.006 0 0.007 0.006 0.008 0 0 0 0.008 0 0 0 0.008 0 0 0 0 0 0.006 0 0 0.004 0 0.006 0.008 0 0 0 0.008 0.004 0.006 0.006 0 0 0 0.006 0 0 0 0.006 0 0.006 0 0 0 0.008 0 0 0 0.004 0.004 0.006 0.004 0 0.008 0 0 0 0.008 0 0 0 0 0 0.006 0

=== Evaluation on training set ===

=== Summary ===

16.3415 % **Correctly Classified Instances** 67 **Incorrectly Classified Instances** 343 83.6585 % Kappa statistic 0.1614 Mean absolute error 0.0044 Root mean squared error 0.0459 Relative absolute error 89.4908 % Root relative squared error 93.0116 %

Total Number of Instances 410

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure ROC Area Class 0 0 0.968 0000000 0 0 0 1 0.007 0.25 0.4 0.996 0000003 1 1 0.002 8000000 0.5 1 0.667 0.999

1 0.002 0.5 1 0.667 0.999 0000011

```
0.286 0.998 0000014
1
     0.012
            0.167 1
1
     0.015
            0.143
                    1
                         0.25
                                0.993 0000017
0
          0
                0
                     0
                           0.922 0000018
     0.039
1
            0.059
                   1
                         0.111 0.98 0000019
                     0
                           0.922 0000020
0
           0
                0
1
     0.022
            0.1
                        0.182
                               0.989 0000021
                  1
1
     0.015
                         0.25
                                0.993 0000023
            0.143
                   1
                     1
1
     0
           1
                           1
                                0000030
                1
                               0.996 0000031
1
     0.007
            0.25
                        0.4
                   1
     0.032
1
                         0.133 0.984 0000032
            0.071
                   1
0
     0
          0
                0
                     0
                           0.922 0000043
     0.002
            0.5
                        0.667
                              0.999 0000044
1
                  1
                              0.995 0000045
1
     0.01
            0.2
                  1
                       0.333
1
     0.007
            0.25
                        0.4
                               0.999 0000046
                  1
                        0.182
                              0.989 0000051
1
     0.022
            0.1
                  1
                               0.999 0000052
1
     0.002
            0.5
                  1
                        0.667
0
          0
                0
                     0
                           0.984 0000055
1
     0.005
            0.333 1
                         0.5
                               0.998 0000060
                     0
                           0.973 0000065
0
          0
                0
                       0.333 0.995 0000067
1
     0.01
            0.2
                  1
                         0.118 0.982 0000068
1
     0.037
            0.063
                   1
0
           0
                0
                     0
                           0.866 0000071
0
     0
           0
                0
                     0
                           0.922 0000074
1
            0.111
                        0.2
                               0.99 0000081
     0.02
                   1
0
                           0.866 0000082
     0
           0
                0
                     0
                           0.989 0000083
0
     0
           0
                0
                     0
0
     0
           0
                0
                     0
                           0.993 0000084
0
     0
           0
                0
                     0
                           0.866 0000087
0
     0
           0
                0
                     0
                           0.922 0000094
     0.13
            0.019
                        0.036 0.998 0000095
1
                   1
                         0.222
                                0.991 0000097
1
     0.017
            0.125
                   1
          0
                0
                     0
                           0.866 0000098
0
1
     0.002
            0.5
                  1
                        0.667 0.999 0000101
                         0.154
1
     0.027
            0.083
                  1
                                0.999 0000103
1
     0.002
            0.5
                        0.667 0.999 0000106
                  1
1
     0.029
            0.077
                         0.143
                                0.985 0000107
                   1
            0.25
                               0.996 0000109
1
     0.007
                   1
                        0.4
           0
                0
                     0
                           0.866 0000110
0
     0
0
     0
                     0
                           0.968 0000111
           0
                0
0
     0
           0
                0
                     0
                           0.866 0000112
0
     0
           0
                     0
                           0.995 0000115
                0
1
     0.005
            0.333
                         0.5
                               0.998 0000116
                    1
0
           0
                           0.996 0000119
     0
                0
                     0
0
     0
           0
                0
                     0
                           0.968 0000125
0
     0
           0
                0
                     0
                           0.98 0000126
0
                           0.987 0000127
     0
           0
                0
                     0
0
     0
           0
                0
                     0
                           0.866 0000132
0
     0
                0
                     0
           0
                           0.993 0000133
```

```
0.866 0000134
0
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.968 0000137
0
     0
           0
                 0
                       0
                             0.973 0000140
0
     0
           0
                 0
                       0
                             0.993 0000142
                       0
                             0.922 0000144
0
     0
            0
                 0
1
     0.005
             0.333
                           0.5
                                 0.998 0000147
                     1
0
                             0.922 0000148
     0
           0
                 0
                       0
                             0.996 0000150
0
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.99 0000158
0
     0
                       0
                             0.922 0000160
           0
                 0
1
     0
                 1
                       1
                             1
                                  0000161
     0.002
             0.5
                         0.667
                                  0.999 0000163
1
                    1
     0.056
                           80.0
1
             0.042
                     1
                                  1
                                       0000165
0
           0
                       0
                             0.866 0000170
                 0
                         0.333
                                 0.995 0000173
1
     0.01
             0.2
                   1
                       0
                             0.968 0000176
0
     0
           0
                 0
                             0.922 0000177
0
     0
            0
                 0
                       0
1
     0.034
             0.067
                     1
                           0.125
                                  0.983 0000179
0
                             0.98 0000180
     0
           0
                 0
                       0
1
     0
            1
                 1
                       1
                             1
                                  0000181
0
                             0.957 0000184
     0
            0
                 0
                       0
0
     0
            0
                 0
                       0
                             0.983 0000189
0
     0
           0
                 0
                       0
                             0.983 0000191
0
     0
           0
                 0
                       0
                             0.998 0000196
0
     0
            0
                       0
                             0.989 0000197
                 0
0
     0
                       0
                             0.983 0000203
            0
                 0
                             0.99 0000205
0
     0
            0
                 0
                       0
0
     0
            0
                 0
                       0
                             0.922 0000212
1
     0.002
             0.5
                         0.667
                                 0.999 0000216
                    1
0
     0
           0
                 0
                       0
                             0.866 0000217
                         0.333
                                 0.995 0000224
1
     0.01
             0.2
                   1
0
            0
                             0.984 0000225
                 0
                       0
0
     0
            0
                 0
                       0
                             0.984 0000231
                             0.866 0000234
0
     0
            0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.999 0000244
1
     0
                                  0000246
            1
                 1
                       1
0
                             0.957 0000249
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.998 0000252
0
     0
           0
                 0
                       0
                             0.866 0000253
0
     0
            0
                 0
                       0
                             0.866 0000255
0
     0
           0
                 0
                       0
                             0.922 0000259
                       0
                             0.866 0000266
0
     0
            0
                 0
1
     0.002
             0.5
                    1
                         0.667
                                0.999 0000278
                             0.922 0000287
0
     0
           0
                 0
                       0
0
     0
           0
                 0
                       0
                             0.866 0000292
0
                       0
                             0.996 0000293
     0
            0
                 0
1
     0.005
             0.333
                     1
                           0.5
                                  0.999 0000295
0
                 0
                       0
                             0.866 0000299
     0
           0
```

0	0	0	0		0	0.9	84	000	0300	
1	0.002	0.		1	·	0.667		.999	0000	306
0	0	0	0		0	0.9			0311	
0	0	0	0		0	0.9	84	000	0316	
0	0	0	0		0	0.8	66	000	0319	
1	0	1	1		1	1	C	00003	322	
0	0	0	0		0	0.9	96	000	0326	
0	0	0	0		0	0.9	68	000	0328	
0	0	0	0		0	0.8	66	000	0329	
0	0	0	0		0	0.9	99	000	0333	
0	0	0	0		0	0.9	82	000	0334	
1	0.002	0.	5	1		0.667	0	.999	0000	335
0	0	0	0		0	0.9	98	000	0336	
0	0	0	0		0	0.9	85	000	0338	
0	0	0	0		0	0.9	83	000	0339	
0	0	0	0		0	0.8	66	000	0340	
0	0	0	0		0	0.9	91	000	0346	
0	0	0	0		0	0.9	82	000	0351	
1	0.007	0.	25	1		0.4	0.	998	0000	353
1	0.002	0.	5	1		0.667	0	.999	0000	354
0	0	0	0		0	0.9	68	000	0355	
0	0	0	0		0	0.9	22	000	0358	
0	0	0	0		0	0.9	82	000	0360	
0	0	0	0		0	0.9	8	0000	0361	
0	0	0	0		0	0.8	66	000	0364	
0	0	0	0		0	0.9	95	000	0365	
0	0	0	0		0	0.8	66	000	0369	
0	0	0	0		0	0.9	73	000	0370	
0	0	0	0		0	0.9	85	000	0374	
0	0	0	0		0	0.9	98	000	0375	
0	0	0	0		0	0.9	83	000	0377	
0	0	0	0		0	0.9	8	0000	378	
0	0	0	0		0	0.9	89	000	0380	
0	0	0	0		0	0.9	99	000	0381	
0	0	0	0		0	0.9	8	0000	0383	
0	0	0	0		0	0.9	89	000	0390	
0	0	0	0		0	0.9	9	0000	0393	
0	0	0	0		0	0.9	95	000	0394	
0	0	0	0		0	0.9	22	000	0397	
0	0	0	0		0	0.9	22	000	0399	
0	0	0	0		0	0.8	66	000	0402	
0	0	0	0		0	0.9	82	000	0403	
0	0	0	0		0	0.9	8	0000	0407	
0	0	0	0		0	0.9	22	000	0413	
0	0	0	0		0	0.9	22	000	0417	
0	0	0	0		0	0.9	89	000	0421	
0	0	0	0		0	0.9	82	000	0423	
0	0	0	0		0	0.9	85	000	0430	

0	0	0	0	0	0.922	000	00435	
0	0	0	0	0	0.866	000	00436	
0	0	0	0	0	0.922	000	00438	
1	0.002		0.5	1	0.667	.999	0000	440
0	0	0	0	0	0.973	000	00441	
0	0	0	0	0	0.995	000	00446	
0	0	0	0	0	0.995	000	00447	
0	0	0	0	0	0.989	000	00448	
0	0	0	0	0	0.991	000	00450	
0	0	0	0	0	0.922	000	00451	
0	0	0	0	0	0.998		00461	
0	0	0	0	0	0.999	000	00466	
0	0	0	0	0	0.989		00470	
0	0	0	0	0	0.999		00474	
0	0	0	0	0	0.993		00475	
0	0	0	0	0	0.984		00481	
0	0	0	0	0	0.968		00484	
0	0	0		0	0.866		00488	
1	0.005	9	0.333	1		.998		491
1	0.003		0.071	1	0.133	1	00004	
0	0.032	0		0	0.133		0000-	. , ,
0	0	0	0	0	0.787		0499	
0	0	0	0	0	0.922		0477	
0			0		0.922		00502	
	0	0		0				
0	0	0	0	0	0.982		00503	
0	0	0	0	0	0.989		00510	
0	0	0	0	0	0.999		00512	
0	0	0	0	0	0.866		00513	
0	0	0	0	0	0.866		00517	
0	0	0	0	0	0.993		00519	
0	0	0	0	0	0.993		00521	
0	0	0	0	0	0.998		00524	
0	0	0	0	0	0.999		00527	
0	0	0		0	0.999		00528	
0	0	0	0	0	0.989		00531	
0	0	0	0	0	0.989	000	00532	
0	0	0	0	0	0.866	000	00539	
0	0	0	0	0	0.973	000	00541	
0	0	0	0	0	0.866	000	00542	
0	0	0	0	0	0.866	000	00545	
0	0	0	0	0	0.922	000	00549	
0	0	0		0	0.968		00556	
0	0	0	0	0	0.98		0558	
0	0	0	0	0	0.968		00561	
0	0	0	0	0	0.922		00563	
0	0	0		0	0.998		00565	
0	0	0		0	0.866		00566	
0	0	0		0	0.985		0568	
J	J	9	3	0	5.705	550		

0	0	0	0	0	0.995 0000569
0	0	0	0	0	0.995 0000570
0	0	0	0	0	0.922 0000573
0	0	0	0	0	0.922 0000579
0	0	0	0	0	0.985 0000581
0	0	0	0	0	0.866 0000587
0	0	0	0	0	0.866 0000590
0	0	0	0	0	0.983 0000591
0	0	0	0	0	0.99 0000594
0	0	0	0	0	0.982 0000595
0	0	0	0	0	0.968 0000596
0	0	0	0	0	0.866 0000600
0	0	0	0	0	0.991 0000603
1	0	1	1	1	1 0000610
0	0	0	0	0	0.866 0000611
0	0	0	0	0	0.982 0000612
0		0		0	0.866 0000615
	0		0		
0	0	0	0	0	0.993 0000617
1	0.15		016	1	0.031 1 0000621
0	0	0	0	0	0.99 0000623
0	0	0	0	0	0.968 0000632
1	0	1	1	1	1 0000633
0	0	0	0	0	0.968 0000634
0	0	0	0	0	0.922 0000635
0	0	0	0	0	0.98 0000637
0	0	0	0	0	0.922 0000642
0	0	0	0	0	0.983 0000645
0	0	0	0	0	0.998 0000649
0	0	0	0	0	0.999 0000650
0	0	0	0	0	0.866 0000658
0	0	0	0	0	0.968 0000659
0	0	0	0	0	0.866 0000660
0	0	0	0	0	0.983 0000663
0	0	0	0	0	0.982 0000666
0	0	0	0	0	0.995 0000667
0	0	0	0	0	0.999 0000671
0	0	0	0	0	0.995 0000672
0	0	0	0	0	0.922 0000677
0	0	0	0	0	0.993 0000678
0	0	0	0	0	0.922 0000679
0	0	0	0	0	0.983 0000681
0	0	0	0	0	0.998 0000682
0	0	0	0	0	0.983 0000684
0	0	0	0	0	0.922 0000685
0	0	0	0	0	0.866 0000686
1	0	1	1	1	1 0000687
0	0	0	0	0	0.995 0000688
0	0	0	0	0	0.995 0000692
J	U	U	J	J	0.773 0000072

0	0	0	0	0	0.866	000	0694	
0	0	0	0	0	0.995	000	0697	
0	0	0	0	0	0.866		0704	
0	0	0	0	0	0.957	000	0710	
0	0	0	0	0	0.998	000	0712	
0	0	0	0	0	0.922	000	0714	
1	0.005		0.333	1		0.998	0000	720
0	0	0	0	0	0.999		0722	
0	0	0	0	0	0.866		0726	
0	0	0	0	0	0.996		0727	
0	0	0	0	0	0.957		0728	
0	0	0	0	0	0.866		0729	
0	0	0	0	0	0.985		0731	
0	0	0	0	0	0.983		0735	
0	0	0	0	0	0.98	0000		
0	0	0	0	0	0.998		0740	
1	0	1	1	1		00007		
0	0	0	0	0	0.866		0745	
1	0.002		0.5	1		0.999	0000	748
0	0	0	0	0	0.968		0750	
0	0	0	0	0	0.983		0752	
0	0	0	0	0	0.984		0757	
0	0	0	0	0	0.968		0761	
0	0	0	0	0	0.984		0764	
0	0	0	0	0	0.993		0765	
0	0	0	0	0	0.922		0770	
0	0	0	0	0	0.995		0772	
0	0	0	0	0	0.957		0776	
0	0	0	0	0	0.999		0777	
0	0	0	0	0	0.99	0000		
0	0	0	0	0	0.922		0781	
0	0	0	0	0	0.922		0783	
0	0	0	0	0	0.984		0788	
0	0	0	0	0	0.985		0789	
0	0	0	0	0	0.989		0790	
1	0.002	_	0.5	1		0.999	0000	793
0	0	0	0.0	0	0.98	0000		,,,0
0	0	0	0	0	0.866		0798	
0	0	0	0	0	0.982		0799	
0	0	0	0	0	0.996		0800	
0	0	0	0	0	0.973		0801	
0	0	0	0	0	0.991		0802	
0	0	0	0	0	0.991		0808	
0	0	0	0	0	0.968		0812	
0	0	0	0	0	0.999		0813	
0	0	0	0	0	0.777		0815	
0	0	0	0	0	0.777		0817	
1	0	1	1	1	1	00008		
-	-	-	_	_	_	55500		

0	0	0	0	0	0.989	0000821
0	0	0	0	0	0.922	0000822
0	0	0	0	0	0.985	0000823
0	0	0	0	0	0.968	0000825
0	0	0	0	0	0.982	0000826
0	0	0	0	0	0.782	0000827
	-					
1	0.005		333	1		.998 0000830
0	0	0	0	0	0.982	0000831
0	0	0	0	0	0.989	0000832
0	0	0	0	0	0.995	0000833
0	0	0	0	0	0.922	0000835
0	0	0	0	0	0.98	0000838
0	0	0	0	0	0.998	0000849
0	0	0	0	0	0.993	0000853
0	0	0	0	0	0.985	0000854
0	0	0	0	0	0.98	0000855
0	0	0	0	0	0.968	0000861
0	0	0	0	0	0.984	0000863
0	0	0	0	0	0.982	0000866
0	0	0	0	0	0.702	0000870
		0		0	0.957	0000870
0	0		0			
0	0	0	0	0	0.866	0000880
0	0	0	0	0	0.866	0000884
0	0	0	0	0	0.989	0000886
0	0	0	0	0	0.957	0000891
1	0	1	1	1	1 (0000893
1	0	1	1	1	1 (0000905
0	0	0	0	0	0.866	0000906
0	0	0	0	0	0.996	0000907
0	0	0	0	0	0.968	0000908
0	0	0	0	0	0.866	0000912
0	0	0	0	0	0.984	0000914
0	0	0	0	0	0.922	0000919
0	0	0	0	0	0.957	0000923
0	0	0	0	0	0.737	0000723
0	0	0	0	0	0.983	0000933
0	0	0	0	0	0.922	0000936
0	0	0	0	0	0.973	0000941
0	0	0	0	0	0.957	0000942
0	0	0	0	0	0.993	0000947
0	0	0	0	0	0.991	0000949
0	0	0	0	0	0.973	0000952
0	0	0	0	0	0.99	0000953
0	0	0	0	0	0.922	0000954
0	0	0	0	0	0.866	0000959
0	0	0	0	0	0.922	0000960
0	0	0	0	0	0.995	0000963
0	0	0	0	0	0.922	0000964
J	J	•	J	0	0.722	300070 7

0	0	0	0	0	0.983	0000967
0	0	0	0	0	0.985	0000968
0	0	0	0	0	0.866	0000970
0	0	0	0	0	0.989	0000974
0	0	0	0	0	0.982	0000975
0	0	0	0	0	0.922	0000976
0	0	0	0	0	0.866	0000977
0	0	0	0	0	0.968	0000979
0	0	0	0	0	0.866	0000997
0	0	0	0	0	0.922	0000999
1	0	1	1	1	1 0	001005
0	0	0	0	0	1 0	001011
0	0	0	0	0	0.866	0001015
0	0	0	0	0	0.922	0001016
0	0	0	0	0	0.866	0001017
0	0	0	0	0	0.866	0001018
1	0	1	1	1		001020
1	0	1	1	1		001021
0	0	0	0	0	0.866	0001032
0	0	0	0	0	0.999	0001033
0	0	0	0	0		0001035
0	0	0	0	0	0.866	0001039
0	0	0	0	0	0.973	0001043
0	0	0	0	0	0.866	0001053
0	0	0	0	0		0001054
0	0	0	0	0	0.922	0001055
0	0	0	0	0	0.984	0001058
0	0	0	0	0	0.995	0001059
0	0	0	0	0	0.998	0001060
0	0	0	0	0	0.999	0001068
0	0	0	0	0	0.922	0001070
0	0	0	0	0	0.973	0001071
0	0	0	0	0	0.993	0001072
1	0	1	1	1		001074
0	0	0	0	0	0.866	0001075
0	0	0	0	0	0.999	0001083
1	0	1	1	1		001086
0	0	0	0	0	0.996	0001094
0	0	0	0	0	0.999	0001096
0	0	0	0	0	0.998	0001098
1	0	1	1	1		001099
0	0	0	0	0	0.998	0001104
0	0	0	0	0	0.998	0001105
0	0	0	0	0	0.985	0001114
0	0	0	0	0	0.866	0001117
0	0	0	0	0	0.989	0001123
0	0	0	0	0	0.985	0001127
1	0	1	1	1	1 0	001128

0	0	0	0	0	0.968	0001129	
0	0	0	0	0	0.989	0001140	
0	0	0	0	0	0.922	0001141	
0	0	0	0	0	0.998	0001145	
0	0	0	0	0	0.973	0001151	
0	0	0	0	0	0.973	0001152	
0	0	0	0	0	0.98	0001154	
0	0	0	0	0	0.973	0001155	
0	0	0	0	0	0.994	0001160	
0	0	0	0	0	0.922	0001161	
0	0	0	0	0	0.968	0001164	
0	0	0	0	0	0.957	0001172	
0	0	0	0	0	0.998	0001174	
0	0	0	0	0	0.922	0001175	
0	0	0	0	0	0.995	0001176	
0	0	0	0	0	0.991	0001180	
0	0	0	0	0	0.866	0001183	
0	0	0	0	0	0.866	0001187	
0	0	0	0	0	0.866	0001189	
0	0	0	0	0	0.98	0001190	
0	0	0	0	0	0.989	0001193	
0	0	0	0	0	0.922	0001195	
Weighted Avg.	0.	163	0.002	0.079	0.163	0.094	0.961

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at au av aw ax ay az ba bb bc bd be bf bg bh bi bj bk bl bm bn bo bp bq br bs bt bu bv bw bx by bz ca cb cc cd ce cf cg ch ci cj ck cl cm cn co cp cq cr cs ct cu cv cw cx cy cz da db dc dd de df dg dh di dj dk dl dm dn do dp dq dr ds dt du dv dw dx dy dz ea eb ec ed ee ef eg eh ei ej ek el em en eo ep eq er es et eu ev ew ex ey ez fa fb fc fd fe ff fg fh fi fj fk fl fm fn fo fp fq fr fs ft fu fv fw fx fy fz ga gb gc gd ge gf gg gh gi gj gk gl gm gn go gp gq gr gs gt gu gv gw gx gy gz ha hb hc hd he hf hg hh hi hj hk hl hm hn ho hp hq hr hs ht hu hv hw hx hy hz ia ib ic id ie if ig ih ii ij ik il im in io ip iq ir is it iu iv iw ix iy iz ja jb jc jd je jf jg jh ji jj jk jl jm jn jo jp jq jr js jt ju jv jw jx jy jz ka kb kc kd ke kf kg kh ki kj kk kl km kn ko kp kq kr ks kt ku kv kw kx ky kz la lb lc ld le lf lg lh li lj lk ll lm ln lo lp lq lr ls lt lu lv lw lx ly lz ma mb mc md me mf mg mh mi mj mk ml mm mn mo mp mq mr ms mt mu mv mw mx my mz na nb nc nd ne nf ng nh ni nj nk nl nm nn no np nq nr ns nt nu nv nw nx ny nz oa ob oc od oe of og oh oi oj ok ol om on oo op oq or os ot <-- classified as

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \; 0 \;$
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000
000000000000000000000000000000000000000

=== Re-evaluation on test set ===

User supplied test set Relation: city-res

Instances: unknown (yet). Reading incrementally

Attributes: 5

=== Predictions on test set ===

inst#, actual, predicted, error, probability distribution

1 ? 4:0000011 + 0 0 0 *0.006 0 0 0.006 0.006 0.006 0 0.006 0 0 0.006 0 0 0 0.006 0.006 0 0 0.006 0 0.006 0 0.006 0 0.006 0 0.006 0.006 0.006 0 0 0 0 0 0.006 0.006 0 0 0 0.006 0 0.006 0.006 0.006 0 0.006 0.006 0 0 0 0 0 0.006 0 0.006 0 0 0.006 0 0.006 0 0 0.006 0 0 0 0 0 0 0.006 0.006 0 0 0 0 0 0 0 0 0 0 0 0.006 0 0.006 0.006 0 0 0.006 0 0.006 0 0 0 0 0 0 0.006 0 0.006 0 0 0 0 0.006 0 0.006 0 0.006 0.006 0.006 0 0 0 0.006 0.006 0 0 0.006 0 0.006 0 0 0 0.006 0.006 0 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0 0.006 0.006 0.006 0 0.006 0.006 0 0 0 0 0.006 0 0.006 0.006 0 0.006 0.006 0.006 0 0.006 0 0.006 0.006 0 0 0.006 0 0.006 0 0.006 0 0.006 0 0.006 0 0 0.006 0 0 0 0.006 0.006 0.006 0 0 0.006 0 0.006 0 0.006 0 0 0 0 0 0.006 0 0 0.006 0.006 0.006 0 0.006 0 0 0 0 0 0.006 0 0 0 0.006 0.006 0.006 0 0.006 0 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0.006 0 0 0.006 0 0.006 0 0 0 0 0 0 0 0 0 0.006 0 0.006 0.006 0.006 0.006 0 0.006 0.006 0 0.006 0 0.006 0.006 0.006 0 0.006 0 0.006 0 0 0.006 0.006 0 0.006 0.006 0 0.006 0 0.006 0.006 0 0.006 0.006 0.006 0 0.006 0.006 0 0 0 0 0 0 0.006 0 0 0 0.006 0.006 0 0 0.006 0.006 0 0.006 0

=== Summary ===

Total Number of Instances 0
Ignored Class Unknown Instances 1

=== Detailed Accuracy By Class ===

TP R	ate FF	Rate	Precis	ion	Recall	F-Measure	ROC Area	Class
0	0	0	0	0	?	0000000		
0	0	0	0	0	?	0000003		
0	0	0	0	0	?	8000008		
0	0	0	0	0	?	0000011		
0	0	0	0	0	?	0000014		
0	0	0	0	0	?	0000017		
0	0	0	0	0	?	0000018		
0	0	0	0	0	?	0000019		
0	0	0	0	0	?	0000020		
0	0	0	0	0	?	0000021		
0	0	0	0	0	?	0000023		
0	0	0	0	0	?	0000030		
0	0	0	0	0	?	0000031		
0	0	0	0	0	?	0000032		
0	0	0	0	0	?	0000043		
0	0	0	0	0	?	0000044		
0	0	0	0	0	?	0000045		
0	0	0	0	0	?	0000046		
0	0	0	0	0	?	0000051		
0	0	0	0	0	?	0000052		
0	0	0	0	0	?	0000055		
0	0	0	0	0	?	0000060		
0	0	0	0	0	?	0000065		
0	0	0	0	0	?	0000067		
0	0	0	0	0	?	0000068		
0	0	0	0	0	?	0000071		
0	0	0	0	0	?	0000074		
0	0	0	0	0	?	0000081		
0	0	0	0	0	?	0000082		
0	0	0	0	0	?	0000083		
0	0	0	0	0	?	0000084		
0	0	0	0	0	?	0000087		
0	0	0	0	0	?	0000094		

0	0	0	0	0	?	0000095
0	0	0	0	0	· ?	0000073
0	0	0	0	0	· ?	0000077
0	0	0	0	0	?	0000101
0	0	0	0	0	?	0000101
0	0	0	0	0	· ?	0000103
0	0	0	0	0	?	0000100
0	0	0	0	0	?	0000107
0	0	0	0	0	?	0000107
0	0	0	0	0	?	0000110
0	0	0	0	0		0000111
0	0	0	0	0	?	0000112
0	0	0	0	0	?	0000113
0	0	0	0	0	?	0000110
0	0	0	0	0	?	0000117
0	0	0	0	0	: ?	0000123
0	0	0	0	0	: ?	0000120
0	0	0	0	0	: ?	0000127
0	0	0	0	0	: ?	0000132
0	0	0	0	0	: ?	0000133
0	0	0	0	0	?	0000134
0	0	0	0	0	· ?	0000137
0	0	0	0	0	?	0000140
0	0	0	0	0	· ?	0000142
0	0	0	0	0	?	0000147
0	0	0	0	0	?	0000117
0	0	0	0	0	?	0000150
0	0	0	0	0	?	0000158
0	0	0	0	0	?	0000160
0	0	0	0	0	?	0000161
0	0	0	0	0	?	0000163
0	0	0	0	0	?	0000165
0	0	0	0	0	?	0000170
0	0	0	0	0	?	0000173
0	0	0	0	0	?	0000176
0	0	0	0	0	?	0000177
0	0	0	0	0	?	0000179
0	0	0	0	0		0000180
0	0	0	0	0	?	0000181
0	0	0	0	0	?	0000184
0	0	0	0	0	?	0000189
0	0	0	0	0	?	0000191
0	0	0	0	0	?	0000196
0	0	0	0	0	?	0000197
0	0	0	0	0	?	0000203
0	0	0	0	0	? ? ? ? ? ? ?	0000205
0	0	0	0	0		0000212
0	0	0	0	0	?	0000216

0	0	0	0	0	?	0000217
0	0	0	0	0	· ?	0000217
0	0	0	0	0	: ?	0000224
0	0	0	0	0	: ?	0000223
0		0			: ?	0000231
	0		0	0		
0	0	0	0	0	?	0000244
0	0	0	0	0	?	0000246
0	0	0	0	0	?	0000249
0	0	0	0	0	?	0000252
0	0	0	0	0	?	0000253
0	0	0	0	0	?	0000255
0	0	0	0	0	?	0000259
0	0	0	0	0	?	0000266
0	0	0	0	0	?	0000278
0	0	0	0	0	?	0000287
0	0	0	0	0	?	0000292
0	0	0	0	0	?	0000293
0	0	0	0	0	?	0000295
0	0	0	0	0	?	0000299
0	0	0	0	0	?	0000300
0	0	0	0	0	?	0000306
0	0	0	0	0	?	0000311
0	0	0	0	0	?	0000316
0	0	0	0	0	?	0000319
0	0	0	0	0	?	0000322
0	0	0	0	0	?	0000326
0	0	0	0	0	?	0000328
0	0	0	0	0	?	0000329
0	0	0	0	0	?	0000333
0	0	0	0	0	?	0000334
0	0	0	0	0	?	0000335
0	0	0	0	0	?	0000336
0	0	0	0	0	?	0000338
0	0	0	0	0	?	0000339
0	0	0	0	0	?	0000340
0	0	0	0	0	?	0000346
0	0	0	0	0	?	0000351
0	0	0	0	0		0000353
0	0	0	0	0	?	0000354
0	0	0	0	0	?	0000355
0	0	0	0	0	?	0000358
0	0	0	0	0	?	0000360
0	0	0	0	0	· ?	0000361
0	0	0	0	0	•	0000364
0	0	0	0	0	? ? ? ? ?	0000365
0	0	0	0	0	;	0000369
0	0	0	0	0	? ?	0000369
					: ?	
0	0	0	0	0	:	0000374

0	0	0	0	0	?	0000375
0	0	0	0	0	?	0000377
0	0	0	0	0	?	0000378
0	0	0	0	0	?	0000380
0	0	0	0	0	?	0000381
0	0	0	0	0	?	0000383
0	0	0	0	0	?	0000390
0	0	0	0	0	?	0000393
0	0	0	0	0	?	0000394
0	0	0	0	0	?	0000397
0	0	0	0	0	?	0000399
0	0	0	0	0	?	0000377
0	0	0	0	0	· ?	0000402
0	0	0	0	0	?	0000403
0	0	0	0	0	: ?	0000407
0	0				: ?	0000413
0	0	0 0	0 0	0 0	: ?	0000417
0	0	0	0	0	?	0000423
0	0	0	0	0	?	0000430
0	0	0	0	0	?	0000435
0	0	0	0	0	?	0000436
0	0	0	0	0	?	0000438
0	0	0	0	0	?	0000440
0	0	0	0	0	?	0000441
0	0	0	0	0	?	0000446
0	0	0	0	0	?	0000447
0	0	0	0	0	?	0000448
0	0	0	0	0	?	0000450
0	0	0	0	0	?	0000451
0	0	0	0	0	?	0000461
0	0	0	0	0	?	0000466
0	0	0	0	0	?	0000470
0	0	0	0	0	?	0000474
0	0	0	0	0	?	0000475
0	0	0	0	0	?	0000481
0	0	0	0	0	?	0000484
0	0	0	0	0	?	0000488
0	0	0	0	0	?	0000491
0	0	0	0	0		0000493
0	0	0	0	0	? ? ?	0000496
0	0	0	0	0	?	0000499
0	0	0	0	0	?	0000500
0	0	0	0	0		0000500
0	0	0	0	0	? ?	0000502
						0000503
0	0	0	0	0	?	
0	0	0	0	0	:	0000512
0	0	0	0	0	?	0000513
0	0	0	0	0	?	0000517

0	0	0	0	0	?	0000519
0	0	0	0	0	· ?	0000517
0	0	0	0	0	?	0000524
0	0	0	0	0	?	0000527
0	0	0	0	0	?	0000528
0	0	0	0	0	?	0000531
0	0	0	0	0	?	0000532
0	0	0	0	0	?	0000539
0	0	0	0	0	?	0000541
0	0	0	0	0	?	0000542
0	0	0	0	0	?	0000545
0	0	0	0	0	?	0000549
0	0	0	0	0	?	0000556
0	0	0	0	0	?	0000558
0	0	0	0	0	?	0000561
0	0	0	0	0	?	0000563
0	0	0	0	0	?	0000565
0	0	0	0	0	?	0000566
0	0	0	0	0	?	0000568
0	0	0	0	0	?	0000569
0	0	0	0	0	?	0000570
0	0	0	0	0	?	0000573
0	0	0	0	0	?	0000579
0	0	0	0	0	?	0000581
0	0	0	0	0	?	0000587
0	0	0	0	0	?	0000590
0	0	0	0	0	?	0000591
0	0	0	0	0	?	0000594
0	0	0	0	0	?	0000595
0	0	0	0	0	?	0000596
0	0	0	0	0	?	0000600
0	0	0	0	0	?	0000603
0	0	0	0	0	?	0000610
0	0	0	0	0	?	0000611
0	0	0	0	0	?	0000612
0	0	0	0	0	?	0000615
0	0	0	0	0	?	0000617
0	0	0	0	0		0000621
0	0	0	0	0	?	0000623
0	0	0	0	0	?	0000632
0	0	0	0	0	?	0000633
0	0	0	0	0	?	0000634
0	0	0	0	0	?	0000635
0	0	0	0	0	?	0000637
0	0	0	0	0	? ? ? ? ?	0000642
0	0	0	0	0	?	0000645
0	0	0	0	0	? ?	0000649
0	0	0	0	0	?	0000650

0	0	0	0	0	?	0000658
0	0	0	0	0		
0	0	0	0	0	?	0000659
0	0	0	0	0	?	0000660
0	0	0	0	0	?	0000663
0	0	0	0	0	?	0000666
0	0	0	0	0	?	0000667
0	0	0	0	0	?	0000671
0	0	0	0	0	?	0000672
0	0	0	0	0	?	0000677
0	0	0	0	0	?	0000678
0	0	0	0	0	?	0000679
0	0	0	0	0	?	0000681
0	0	0	0	0	?	0000682
0	0	0	0	0	?	0000684
0	0	0	0	0	?	0000685
0	0	0	0	0	?	0000686
0	0	0	0	0	?	0000687
0	0	0	0	0	?	0000688
0	0	0	0	0	?	0000692
0	0	0	0	0	?	0000694
0	0	0	0	0	?	0000697
0	0	0	0	0	?	0000704
0	0	0	0	0	?	0000710
0	0	0	0	0	?	0000712
0	0	0	0	0	?	0000714
0	0	0	0	0	?	0000720
0	0	0	0	0	?	0000722
0	0	0	0	0	?	0000726
0	0	0	0	0	?	0000727
0	0	0	0	0	?	0000728
0	0	0	0	0	?	0000729
0	0	0	0	0	?	0000727
0	0	0	0	0	?	0000731
0	0	0	0	0	?	0000733
0	0	0	0	0	?	0000730
0	0	0	0	0	?	0000740
0	0	0	0	0	?	0000741
		0				0000743
0	0		0	0 0	? ?	
0	0	0	0			0000750
0	0	0	0	0	? ?	0000752
0	0	0	0	0		0000757
0	0	0	0	0	? ? ? ?	0000761
0	0	0	0	0	?	0000764
0	0	0	0	0	?	0000765
0	0	0	0	0	?	0000770
0	Λ	0	0	0	?	0000772
	0				_	
0	0	0	0 0	0 0	? ? ?	0000776 0000777

_	•	•	•	•	2	0000700
0	0	0	0	0	?	0000780
0	0	0	0	0	?	0000781
0	0	0	0	0	?	0000783
0	0	0	0	0	?	0000788
0	0	0	0	0	?	0000789
0	0	0	0	0	?	0000790
0	0	0	0	0	?	0000793
0	0	0	0	0	?	0000794
0	0	0	0	0	?	0000798
0	0	0	0	0	?	0000799
0	0	0	0	0	?	008000
0	0	0	0	0	?	0000801
0	0	0	0	0	?	0000802
0	0	0	0	0	?	8080000
0	0	0	0	0	?	0000812
0	0	0	0	0	?	0000813
0	0	0	0	0	?	0000815
0	0	0	0	0	?	0000817
0	0	0	0	0	· ?	0000818
0	0	0	0	0	?	0000810
0	0	0	0	0	: ?	0000821
					: ?	0000822
0	0	0	0	0		
0	0	0	0	0	?	0000825
0	0	0	0	0	?	0000826
0	0	0	0	0	?	0000827
0	0	0	0	0	?	0000830
0	0	0	0	0	?	0000831
0	0	0	0	0	?	0000832
0	0	0	0	0	?	0000833
0	0	0	0	0	?	0000835
0	0	0	0	0	?	0000838
0	0	0	0	0	?	0000849
0	0	0	0	0	?	0000853
0	0	0	0	0	?	0000854
0	0	0	0	0	?	0000855
0	0	0	0	0	?	0000861
0	0	0	0	0	?	0000863
0	0	0	0	0		0000866
0	0	0	0	0	?	0000870
0	0	0	0	0	?	0000874
0	0	0	0	0	,	0000880
0	0	0	0	0	?	0000884
0	0	0	0	0	. 7	0000886
0	0	0	0	0	•	0000891
0	0	0	0	0	? ? ? ? ? ?	0000891
					:	
0	0	0	0	0	:	0000905
0	0	0	0	0		0000906
0	0	0	0	0	?	0000907

0	0	0	0	0	?	0000908
0	0	0	0	0	· ?	0000700
0	0	0	0	0	?	0000712
0	0	0	0	0	?	0000714
0	0	0	0	0	?	0000717
0	0	0	0	0	: ?	0000928
0	0	0	0	0	?	0000933
0	0	0	0	0	?	0000936
0	0	0	0	0	?	0000941
0	0	0	0	0	?	0000942
0	0	0	0	0	?	0000947
0	0	0	0	0	?	0000949
0	0	0	0	0	?	0000952
0	0	0	0	0	?	0000953
0	0	0	0	0	?	0000954
0	0	0	0	0	?	0000959
0	0	0	0	0	?	0000960
0	0	0	0	0	?	0000963
0	0	0	0	0	?	0000964
0	0	0	0	0	?	0000967
0	0	0	0	0	?	0000968
0	0	0	0	0	?	0000970
0	0	0	0	0	?	0000974
0	0	0	0	0	?	0000975
0	0	0	0	0	?	0000976
0	0	0	0	0	?	0000977
0	0	0	0	0	?	0000979
0	0	0	0	0	?	0000997
0	0	0	0	0	?	0000999
0	0	0	0	0	?	0001005
0	0	0	0	0	?	0001011
0	0	0	0	0	?	0001015
0	0	0	0	0	?	0001016
0	0	0	0	0	?	0001017
0	0	0	0	0	?	0001018
0	0	0	0	0	?	0001020
0	0	0	0	0	?	0001021
0	0	0	0	0		0001032
0	0	0	0	0	?	0001033
0	0	0	0	0	?	0001035
0	0	0	0	0	?	0001039
0	0	0	0	0	?	0001043
0	0	0	0	0	?	0001053
0	0	0	0	0	?	0001054
0	0	0	0	0	?	0001055
0	0	0	0	0	? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?	0001058
0	0	0	0	0	?	0001050
0	0	0	0	0	· ?	0001057
J	J	5	5	5	•	0001000

0	0	0	0	0	?	0001068	
0	0	0	0	0	?	0001000	
0	0	0	0	0	?	0001070	
0	0	0	0	0	?	0001071	
0	0	0	0	0	?	0001072	
0	0	0	0	0	?	0001077	
0	0	0	0	0	?	0001073	
0	0	0	0	0	?	0001086	
0	0	0	0	0	?	0001000	
0	0	0	0	0	?	0001074	
0	0	0	0	0	?	0001078	
0	0	0	0	0	?	0001070	
0	0	0	0	0	?	0001077	
0	0	0	0	0	?	0001107	
0	0	0	0	0	?	0001103	
0	0	0	0	0	?	0001117	
0	0	0	0	0	?	0001117	
0	0	0	0	0	?	0001127	
0	0	0	0	0	?	0001127	
0	0	0	0	0	?	0001120	
0	0	0	0	0	?	0001127	
0	0	0	0	0	?	0001140	
0	0	0	0	0	?	0001141	
0	0	0	0	0	?	0001143	
0	0	0	0	0	?	0001151	
0	0	0	0	0	?	0001154	
0	0	0	0	0	?	0001151	
0	0	0	0	0	?	0001160	
0	0	0	0	0	?	0001161	
0	0	0	0	0	?	0001164	
0	0	0	0	0	?	0001172	
0	0	0	0	0	?	0001174	
0	0	0	0	0	?	0001175	
0	0	0	0	0	?	0001176	
0	0	0	0	0	?	0001180	
0	0	0	0	0	?	0001183	
0	0	0	0	0	?	0001187	
0	0	0	0	0	?	0001189	
0	0	0	0	0	?	0001190	
0	0	0	0	0	?	0001193	
0	0	0	0	0	?	0001175	
Weighted Avg.		NaN		NaN	NaN	NaN	NaN

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at au av aw ax ay az ba bb bc bd be bf bg bh bi bj bk bl bm bn bo bp bq br bs bt bu bv bw bx by bz ca cb cc cd ce cf cg ch ci cj ck cl cm cn co cp cq cr cs ct cu cv cw cx

cy cz da db dc dd de df dg dh di dj dk dl dm dn do dp dq dr ds dt du dv dw dx dy dz ea eb ec ed ee ef eg eh ei ej ek el em en eo ep eq er es et eu ev ew ex ey ez fa fb fc fd fe ff fg fh fi fj fk fl fm fn fo fp fq fr fs ft fu fv fw fx fy fz ga gb gc gd ge gf gg gh gi gj gk gl gm gn go gp gq gr gs gt gu gv gw gx gy gz ha hb hc hd he hf hg hh hi hj hk hl hm hn ho hp hq hr hs ht hu hv hw hx hy hz ia ib ic id ie if ig ih ii ij ik il im in io ip iq ir is it iu iv iw ix iy iz ja jb jc jd je jf jg jh ji jj jk jl jm jn jo jp jq jr js jt ju jv jw jx jy jz ka kb kc kd ke kf kg kh ki kj kk kl km kn ko kp kq kr ks kt ku kv kw kx ky kz la lb lc ld le lf lg lh li lj lk ll lm ln lo lp lq lr ls lt lu lv lw lx ly lz ma mb mc md me mf mg mh mi mj mk ml mm mn mo mp mq mr ms mt mu mv mw mx my mz na nb nc nd ne nf ng nh ni nj nk nl nm nn no np nq nr ns nt nu nv nw nx ny nz oa ob oc od oe of og oh oi oj ok ol om on oo op oq or os ot <--- classified as

```
7. San Francisco:
The user should go to the "0000181 Sol y Luna" restaurant.
=== Run information ===
Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2
Relation: city-res
Instances: 8
Attributes: 5
 restaurant
 atmosphere
 style
 price
 occasion
Test mode:evaluate on training data
=== Classifier model (full training set) ===
J48 pruned tree
occasion = Game: 0000024 (0.0)
```

```
occasion = After Hours Dining: 0000024 (0.0)
occasion = Catering for Special Events: 0000181 (2.0/1.0)
occasion = Dancing: 0000024 (0.0)
occasion = Delivery Available: 0000024 (0.0)
occasion = Dining After the Theater: 0000024 (0.0)
occasion = Dining Outdoors: 0000024 (1.0)
occasion = Early Dining: 0000024 (0.0)
occasion = Entertainment: 0000374 (1.0)
occasion = Fine for Dining Alone: 0000024 (0.0)
occasion = Great Place to Meet for a Drink: 0000024 (0.0)
occasion = Happy Hour: 0000024 (0.0)
occasion = Late Night Menu: 0000024 (0.0)
occasion = Long Drive: 0000024 (0.0)
occasion = Margaritas: 0000024 (0.0)
occasion = Menus in Braille: 0000024 (0.0)
occasion = Open for Breakfast: 0000217 (1.0)
occasion = Open on Mondays: 0000024 (0.0)
occasion = Open on Sundays: 0000024 (0.0)
occasion = Other Quick Food: 0000024 (0.0)
occasion = Parties and Occasions: 0000024 (0.0)
occasion = Picnics: 0000024 (0.0)
occasion = Pre-theater Dining: 0000024 (0.0)
occasion = Private Parties: 0000024 (0.0)
occasion = Private Rooms Available: 0000033 (1.0)
occasion = Prix Fixe Menus: 0000024 (0.0)
occasion = See the Game: 0000024 (0.0)
occasion = Short Drive: 0000024 (0.0)
occasion = Special Brunch Menu: 0000024 (0.0)
occasion = Takeout Available: 0000024 (0.0)
occasion = Walk: 0000024 (0.0)
occasion = Weekend Brunch: 0000024 (0.0)
occasion = Weekend Dining: 0000144 (2.0/1.0)
occasion = Weekend Jazz Brunch: 0000024 (0.0)
occasion = Weekend Lunch: 0000024 (0.0)
Number of Leaves:
                           35
Size of the tree:
                   36
Time taken to build model: 0 seconds
=== Predictions on training set ===
inst#, actual, predicted, error, probability distribution
   1 1:0000024 1:0000024
                               * 1
                                     0
                                         0
                                              0
                                                  0
                                                           0
                                                               0
                                                       0
  2 2:0000033 2:0000033
                                0
                                    * 1
                                         0
                                              0
                                                  0
                                                       0
                                                           0
                                                               0
  3 3:0000144 3:0000144
                                0
                                   0
                                        *0.5 0 0 0
                                                            0.5 0
```

```
4 4:0000181 4:0000181
                            0
                                   *0.5 0
                                            0.5 0
5 5:0000217 5:0000217
                        0
                           0
                                           0
                                               0
                               0
                                      * 1
6 6:0000227 4:0000181
                      + 0
                            0
                                   *0.5 0
                                            0.5 0
7 7:0000262 3:0000144
                      + 0
                            0
                               *0.5 0
                                        0
                                            0
                                                0.5 0
8 8:0000374 8:0000374
                                  0
                                      0
                                         0 0 *1
                        0
                           0
```

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 6 75 % Incorrectly Classified Instances 2 25 % Kappa statistic 0.7143

Mean absolute error0.0625Root mean squared error0.1768Relative absolute error28.5714 %Root relative squared error53.4522 %

Total Number of Instances 8

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure ROC Area Class 1 1 1 1 0000024 1 1 1 1 0000033 0.5 0.667 0.929 0000144 1 0.143 1 1 0.143 0.5 1 0.667 0.929 0000181 1 0 1 1 1 1 0000217 0 0 0 0 0 0.929 0000227 0 0 0 0 0 0.929 0000262 1 0 1 0000374 1 1 1 Weighted Avg. 0.75 0.036 0.625 0.75 0.667 0.964

=== Confusion Matrix ===

a b c d e f g h <-- classified as 1 0 0 0 0 0 0 0 0 | a = 0000024 0 1 0 0 0 0 0 0 | b = 0000033 0 0 1 0 0 0 0 0 | c = 0000144 0 0 0 1 0 0 0 0 | d = 0000181 0 0 0 1 0 0 0 0 | e = 0000217 0 0 0 1 0 0 0 0 0 | f = 0000227 0 0 1 0 0 0 0 0 0 | g = 0000262 0 0 0 0 0 0 0 0 1 | h = 0000374

=== Re-evaluation on test set ===

User supplied test set Relation: city-res

```
Instances: unknown (yet). Reading incrementally
   Attributes: 5
   === Predictions on test set ===
   inst#, actual, predicted, error, probability distribution
            ? 4:0000181 + 0 0 0 *0.5 0 0.5 0
      1
   === Summary ===
   Total Number of Instances
   Ignored Class Unknown Instances
                                         1
   === Detailed Accuracy By Class ===
          TP Rate FP Rate Precision Recall F-Measure ROC Area Class
           0
                 0
                       0
                            0
                                  0
                                        ?
                                             0000024
           0
                 0
                       0
                            0
                                  0
                                        ?
                                             0000033
           0
                                        ?
                 0
                       0
                            0
                                  0
                                             0000144
           0
                 0
                       0
                            0
                                  0
                                        ?
                                             0000181
                                        ?
           0
                 0
                       0
                            0
                                  0
                                             0000217
                                        ?
           0
                 0
                       0
                            0
                                  0
                                             0000227
           0
                 0
                       0
                            0
                                  0
                                        ?
                                             0000262
           0
                 0
                       0
                            0
                                  0
                                        ?
                                             0000374
   Weighted Avg. NaN
                                              NaN
                                                      NaN
                        NaN
                                NaN
                                       NaN
   === Confusion Matrix ===
    abcdefgh <-- classified as
    0000000 | a = 0000024
    0000000 | b = 0000033
    00000000 | c = 0000144
    00000000 d = 0000181
    00000000 | e = 0000217
    0000000 | f = 0000227
    0000000 | g = 0000262
    0000000 | h = 0000374
8. Washington DC:
   The user should go to the "0000004 Notte Luna" restaurant.
   === Run information ===
   Scheme:weka.classifiers.trees.J48 -C 0.25 -M 2
   Relation: city-res
   Instances: 56
   Attributes: 5
```

restaurant atmosphere

```
style
       price
       occasion
Test mode:evaluate on training data
=== Classifier model (full training set) ===
J48 pruned tree
_____
atmosphere = An Historic Spot: 0000004 (0.0)
atmosphere = An Out Of The Way Find: 0000004 (0.0)
atmosphere = Authentic: 0000004 (0.0)
atmosphere = Buffet Dining: 0000004 (0.0)
atmosphere = Business Scene: 0000004 (0.0)
atmosphere = CafeGarden Dining: 0000004 (0.0)
atmosphere = Classic Hotel Dining: 0000004 (0.0)
atmosphere = Creative: 0000004 (0.0)
atmosphere = Credit cards are not accepted: 0000004 (0.0)
atmosphere = Excellent Decor: 0000004 (30.0/29.0)
atmosphere = Excellent Food: 0000004 (0.0)
atmosphere = Excellent Service: 0000004 (0.0)
atmosphere = Extraordinary Decor: 0000048 (8.0/7.0)
atmosphere = Extraordinary Food: 0000004 (0.0)
atmosphere = Extraordinary Service: 0000004 (0.0)
atmosphere = Fabulous Views: 0000004 (0.0)
atmosphere = Fabulous Wine Lists: 0000004 (0.0)
atmosphere = Fair Decor: 0000104 (1.0)
atmosphere = Fair Food: 0000004 (0.0)
atmosphere = Fair Service: 0000004 (0.0)
atmosphere = Focus on Dessert: 0000004 (0.0)
atmosphere = For the Young and Young at Heart: 0000004 (0.0)
atmosphere = Good Decor
price = 15-30: 0000018 (14.0/13.0)
price = 30-50: 0000018 (0.0)
| price = below 15: 0000197 (2.0/1.0)
| price = over 50: 0000018 (0.0)
atmosphere = Good Food: 0000004 (0.0)
atmosphere = Good Out of Town Business: 0000004 (0.0)
atmosphere = Good Service: 0000004 (0.0)
atmosphere = Good for Younger Kids: 0000004 (0.0)
atmosphere = Great for People Watching: 0000004 (0.0)
atmosphere = Health Conscious Menus: 0000004 (0.0)
atmosphere = Hip Place To Be: 0000004 (0.0)
atmosphere = Little Known But Well Liked: 0000004 (0.0)
atmosphere = Near-perfect Decor: 0000227 (1.0)
atmosphere = Near-perfect Food: 0000004 (0.0)
atmosphere = Near-perfect Service: 0000004 (0.0)
```

```
atmosphere = Need To Dress: 0000004 (0.0)
atmosphere = No Liquor Served: 0000004 (0.0)
atmosphere = No Reservations: 0000004 (0.0)
atmosphere = No Smoking Allowed: 0000004 (0.0)
atmosphere = Old World Cafe Charm: 0000004 (0.0)
atmosphere = On the Beach: 0000004 (0.0)
atmosphere = ParkingValet: 0000004 (0.0)
atmosphere = People Keep Coming Back: 0000004 (0.0)
atmosphere = Place for Singles: 0000004 (0.0)
atmosphere = Poor Decor: 0000004 (0.0)
atmosphere = Pub Feel: 0000004 (0.0)
atmosphere = Quiet for Conversation: 0000004 (0.0)
atmosphere = Quirky: 0000004 (0.0)
atmosphere = Relaxed Senior Scene: 0000004 (0.0)
atmosphere = Romantic: 0000004 (0.0)
atmosphere = Singles Scene: 0000004 (0.0)
atmosphere = Tourist Appeal: 0000004 (0.0)
atmosphere = Up and Coming: 0000004 (0.0)
atmosphere = Very Busy - Reservations a Must: 0000004 (0.0)
atmosphere = Warm spots by the fire: 0000004 (0.0)
atmosphere = Wheelchair Access: 0000004 (0.0)
Number of Leaves:
                          58
Size of the tree:
                  60
Time taken to build model: 0 seconds
=== Predictions on training set ===
inst#, actual, predicted, error, probability distribution
  1 1:0000004 1:0000004
                              *0.033 0.033 0
                                               0.033 0.033 0
                                                                   0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0
                                           0
                                               0.033 0.033 0.033 0.033 0.033
0.033 0.033 0
                0
                    0.033 0.033 0
                                     0
                                        0.033 0
                                                   0
                                                       0
                                                                0.033 0.033 0.033
0.033 0
                  0.033 0
                             0.033 0
                                       0
                                           0.033 0
                                                     0.033 0
                                                                0.033 0
          0
  2 2:0000017 1:0000004
                            + *0.033 0.033 0
                                               0.033 0.033 0
                                                                    0.033 0
                                                                0
          0.033 0.033 0
                          0.033 0.033 0
                                           0
                                               0.033 0.033 0.033 0.033 0.033
0.033 0.033 0
                0
                    0.033 0.033 0
                                     0
                                         0.033 0
                                                   0
                                                       0
                                                            0
                                                                0.033 0.033 0.033
0.033 0
          0
             0
                  0.033 0
                             0.033 0
                                       0
                                           0.033 0
                                                      0.033 0
                                                                0.033 0
```

*0.071 0

0 0

0 0

0

0

0 0

0 0

0 0.071 0

0 0 0 + *0.033 0.033 0

0

0.071 0

0 0 0

0.071 0

0.033 0.033 0

0.071 0

0.033 0

0.071 0

0.071 0

0

0.071 0

0

0.033 0.033 0.033 0.033 0.033

3 3:0000018 3:0000018

0

4 4:0000026 1:0000004

0

0.071 0

0.033 0 0.033 0.033 0 0.033 0.033 0

0.071 0

0.071 0.071 0 0.071 0

0

0.071 0

```
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
       0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                0.033 0
  5 5:0000027 1:0000004 + *0.033 0.033 0 0.033 0.033 0
                                                0 0.033 0 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
0.033 0 0 0 0.033 0 0.033 0
                             0 0.033 0
                                        0.033 0
                                                 0.033 0
  6 6:0000039 3:0000018 + 0 0 *0.071 0
                                      0
                                         0.071 0 0 0.071 0 0 0
  0 0.071 0 0 0 0.071 0 0 0 0 0 0 0 0 0.071 0 0
0.071\ 0\ 0\ 0\ 0.071\ 0\ 0\ 0\ 0\ 0\ 0.071\ 0\ 0.071\ 0\ 0.071\ 0
0.071 0.071 0 0.071 0 0 0
 7 7:0000048 7:0000048
                      0
                         0
                             0
                               0
                                  0
                                     0 *0.125 0 0 0 0 0.125
      0 0 0 0.125 0 0 0 0
                                   0
                                       0 0 0 0 0 0
      0.125 0 0.125 0.125 0 0 0
                                   0
                                       0.125 0 0 0 0 0 0
      0.125 0
 8 8:0000081 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
0.033 0 0 0 0.033 0 0.033 0
                            0 0.033 0
                                        0.033 0
                                                0.033 0
  9 9:0000087 3:0000018 + 0 0 *0.071 0
                                      0
                                         0.071 0
                                                0 0.071 0 0 0
0 0 0.071 0 0 0 0.071 0 0 0
                                     0 0 0 0 0.071 0 0 0
0.071 \ 0 \quad 0 \quad 0.071 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.071 \ 0 \quad 0.071 \ 0
0.071 0.071 0 0.071 0 0 0
 10 10:0000104 10:0000104
                        0
                          0
                              0 0 0 0 0
                                             0
                                                 0
                                                    *1
                                                        0
                                                              0
            0
              0
                  0
                     0
                         0
                           0
                               0
                                  0
                                      0
                                         0
                                            0
                                               0
            0
               0 0 0
                         0
                           0 0
                                  0
                                      0
                                         0
                                               0
0 0
      0
         0
                                            0
0 0
 11 11:0000106 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
       0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                0.033 0
 12 12:0000116 7:0000048 + 0 0 0 0 0 0 *0.125 0 0 0
0.125 0 0 0 0
                0 0.125 0 0 0 0 0 0 0 0
                0.125 0.125 0 0 0 0 0 0.125 0 0
0 0 0 0.125 0
                                                     0
         0.125 0
 13 13:0000117 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
      0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                0.033 0
 14 14:0000118 1:0000004 + *0.033 0.033 0 0.033 0.033 0
                                                0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
0.033 0 0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                0.033 0
 15 15:0000121 3:0000018 + 0 0 *0.071 0 0 0.071 0
                                                 0
                                                     0.071 0
0 0 0 0.071 0 0 0 0.071 0 0 0 0 0 0 0 0 0 0.071 0
```

```
0 0.071 0 0 0 0.071 0 0 0 0 0 0 0.071 0 0.071 0
0.071 0.071 0 0.071 0 0 0
 16 16:0000126 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                 0.033 0.033 0.033
       0 0 0.033 0
                     0.033 0 0 0.033 0 0.033 0
 17 17:0000127 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                 0.033 0.033 0.033
0.033 0 0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                 0.033 0
 18 18:0000133 7:0000048 + 0 0 0 0 0 0 *0.125 0 0 0
0.125 0 0 0 0
                0 0.125 0 0 0 0 0 0 0 0 0
0 0 0 0.125 0 0.125 0.125 0 0 0 0 0 0.125 0 0
                                                     0 0
         0.125 0
      0
 19 19:0000136 3:0000018 + 0 0 *0.071 0 0 0.071 0 0 0.071 0 0
      0 0.071 0 0 0 0.071 0 0 0 0 0 0 0 0 0.071 0
0 0.071 0 0 0 0.071 0 0 0 0 0 0 0.071 0 0.071 0 0.071 0
0.071 0.071 0 0.071 0 0 0
 20 20:0000142 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                 0.033 0.033 0.033
0.033 0 0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                 0.033 0
 21 21:0000147 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                 0.033 0.033 0.033
       0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                 0.033 0
 22 22:0000169 1:0000004 + *0.033 0.033 0 0.033 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
       0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                 0.033 0
0.033 0
 23 23:0000172 1:0000004 + *0.033 0.033 0 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                 0.033 0.033 0.033
          0 0.033 0 0.033 0
                             0 0.033 0
                                         0.033 0
                                                 0.033 0
 24 24:0000173 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                 0.033 0.033 0.033
      0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                 0.033 0
 25 25:0000176 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                 0.033 0.033 0.033
       0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                 0.033 0
 26 26:0000180 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
```

0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033

```
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
      0
         0 0.033 0
                     0.033 0 0 0.033 0
                                       0.033 0
                                                0.033 0
 27 27:0000190 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
      0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
0.033 0 0 0 0.033 0
                     0.033 0 0 0.033 0 0.033 0
 28 28:0000193 3:0000018
                     + 0 0 *0.071 0 0 0.071 0
                                                0 0.071 0 0
        0.071 0
                0 0 0.071 0 0
                                  0 0 0 0 0 0 0.071 0
0 0.071 0 0 0 0.071 0 0 0
                              0 0 0
                                        0.071 0 0.071 0
0.071 0.071 0 0.071 0 0 0
                          0
 29 29:0000197 29:0000197
                        0
                              0 0
                                    0 0 0 0 0 0
                          0
         0 0
               0
                  0
                     0
                         0 0
                               0
                                 0
                                     0
                                        0
                                            0 *0.5 0
                                                      0
            0 0 0 0
                         0 0 0 0
                                     0
                                        0
  0
      0
         0
                                            0 0 0 0
   0
      0.5
 30 30:0000200 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
       0 0 0.033 0
                     0.033 0 0 0.033 0 0.033 0
                                                0.033 0
 31 31:0000211 1:0000004
                     + *0.033 0.033 0 0.033 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
0.033 0 0 0 0.033 0 0.033 0 0 0.033 0
                                       0.033 0
                                                0.033 0
 32 32:0000218 3:0000018
                     + 0 0 *0.071 0 0 0.071 0
                                                 0
                                                    0.071 0
   0 0 0.071 0 0 0 0.071 0 0 0 0 0 0 0 0 0.071 0
  0.071 0
         0 0 0.071 0 0 0 0 0 0 0.071 0 0.071 0
                                                       0.071 0
0.071 0.071 0 0.071 0
                    0
                      0
                          0
 33 33:0000227 33:0000227
                        0
                          0
                              0 0
                                    0
                                        0
                                           0
                                              0
                                                 0
                                                           *1
                     0
                         0
                            0
                               0
                                  0
                                     0
                                         0
                                            0
                                               0
                                                  0
                                                     0
                                                        0
            0
               0
                  0
   0
      0
            0
               0
                  0
                     0
                         0
                            0
                               0
                                  0
                                     0
  0
      0
 34 34:0000232 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                0.033 0.033 0.033
          0
             0.033 0
                     0.033 0
                            0 0.033 0
                                        0.033 0
                                                0.033 0
 35 35:0000235 7:0000048
                     + 0 0 0 0 0 0 *0.125 0
0.125 0 0 0 0
                0 0.125 0 0 0 0 0 0 0
                                                  0
                                                     0
                                                        0
                                                           0
                                                              0
  0 0
        0.125 0
                 0.125 0.125 0 0 0 0 0 0.125 0
  0 0
         0.125 0
                 0
 36 36:0000240 3:0000018 + 0 0 *0.071 0 0 0.071 0
                                                 0
                                                    0.071 0
        0.071 0 0 0 0.071 0
                               0
                                  0
                                     0
                                        0 0
                                              0
                                                  0
                                                     0.071 0
  0 \quad 0
   0.071 0 0 0 0.071 0 0 0
                             0 0 0 0.071 0 0.071 0 0.071 0
0.071 0.071 0 0.071 0
                    0 0
                          0
 37 37:0000242 7:0000048
                     + 0 0
                              0
                                       0 *0.125 0
                                0
                                    0
                                                   0
                                                      0
0.125 0 0 0 0 0 0.125 0 0 0 0 0 0 0 0 0
```

```
0.125 \ 0 \ 0.125 \ 0.125 \ 0 \ 0 \ 0 \ 0 \ 0.125 \ 0 \ 0 \ 0 \ 0
  0
      0
          0.125 0
                 Ω
 38 38:0000243 7:0000048 + 0 0 0 0 0 0 *0.125 0 0 0
                 0 0.125 0 0 0 0 0 0 0
                                                     0
0.125 0 0 0 0
                                                        0
                                                            0
  0 0
         0.125 0
                 0.125 0.125 0 0 0 0 0 0.125 0
                                                    0
                                                        0
                                                           0
          0.125 0
 39 39:0000247 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0
                                                       0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                   0.033 0.033 0.033
       0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                   0.033 0
 40 40:0000256 1:0000004 + *0.033 0.033 0 0.033 0.033 0
                                                   0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                   0.033 0.033 0.033
          0 0.033 0
                      0.033 0
                              0 0.033 0
                                          0.033 0
0.033 0
        0
                                                   0.033 0
 41 41:0000283 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                   0.033 0.033 0.033
       0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                   0.033 0
 42 42:0000285 1:0000004 + *0.033 0.033 0 0.033 0.033 0
                                                   0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0 0
                                                   0.033 0.033 0.033
0.033 0 0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                   0.033 0
 43 43:0000298 3:0000018 + 0 0 *0.071 0 0 0.071 0
                                                    0
                                                       0.071 0
\begin{smallmatrix} 0 & 0 & 0 & 0.071 & 0 & 0 & 0.071 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.071 & 0 \\ \end{smallmatrix}
  0.071 0 0 0 0.071 0 0 0 0 0 0.071 0 0.071 0
0.071 0.071 0 0.071 0
                     0 0
                           0
 44 44:0000307 7:0000048 + 0 0 0 0 0 0 *0.125 0 0
                 0 0.125 0 0 0 0 0 0 0
0.125 0 0 0 0
                                                     0
                                                        0
                                                            0
                                                               0
                                                                  0
  0 0 0.125 0
                 0.125 0.125 0 0 0 0 0 0.125 0
          0.125 0
0 0
      0
 45 45:0000311 3:0000018 + 0 0 *0.071 0 0 0.071 0 0
                                                        0.071 0 0
                 0 0 0.071 0 0 0 0 0 0 0
          0.071 0
                                                        0.071 0
   0.071 \ 0 \quad 0 \quad 0.071 \ 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0.071 \ 0 \quad 0.071 \ 0
0.071 0.071 0 0.071 0 0
 46 46:0000315 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
0.033 0.033 0 0 0.033 0.033 0 0 0.033 0 0
                                            0 0
                                                   0.033 0.033 0.033
0.033 0 0 0 0.033 0 0.033 0 0 0.033 0 0.033 0
                                                   0.033 0
 47 47:0000320 3:0000018 + 0 0 *0.071 0
                                       0 0.071 0
                                                    0
                                                        0.071 0
0 0 0 0.071 0 0 0 0.071 0 0
                                    0
                                       0 0 0 0 0
                                                        0.071 0
0 0.071 0 0 0 0.071 0 0 0 0 0 0 0.071 0 0.071 0
0.071 0.071 0 0.071 0
                    0 0
                            0
 48 48:0000331 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0
0.033 0 0.033 0.033 0 0.033 0.033 0 0 0.033 0.033 0.033 0.033 0.033 0.033
```

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 6 10.7143 % **Incorrectly Classified Instances** 89.2857 % 50 0.0909 Kappa statistic Mean absolute error 0.0319 Root mean squared error 0.1263 Relative absolute error 90.9091 % Root relative squared error 95.3463 %

Total Number of Instances 56

TP Rate FP Rate Precision			Recall F-M	1easure	ROC Area	Class		
1	0.527		0.033	1	0.065	0.736		
0	0	0	0	0	0.736	00000	17	
1	0.236		0.071	1	0.133	0.882	0000018	
0	0	0	0	0	0.736	00000	26	
0	0	0	0	0	0.736	00000	27	
0	0	0	0	0	0.882	00000	39	
1	0.127		0.125	1	0.222	0.936	0000048	
0	0	0	0	0	0.736	00000	81	
0	0	0	0	0	0.882	00000	87	
1	0	1	1	1	1	0000104	1	
0	0	0	0	0	0.736	00001	.06	
0	0	0	0	0	0.936	00001	.16	
0	0	0	0	0	0.736	00001	.17	
0	0	0	0	0	0.736	00001	.18	
0	0	0	0	0	0.882	00001	.21	
0	0	0	0	0	0.736	00001	.26	
0	0	0	0	0	0.736	00001	.27	
0	0	0	0	0	0.936	00001	.33	
0	0	0	0	0	0.882	00001	.36	
0	0	0	0	0	0.736	00001	.42	
0	0	0	0	0	0.736	00001	.47	
0	0	0	0	0	0.736	00001	.69	
0	0	0	0	0	0.736	00001	.72	
0	0	0	0	0	0.736	00001	.73	
0	0	0	0	0	0.736	00001	.76	
0	0	0	0	0	0.736	00001	.80	
0	0	0	0	0	0.736	00001	.90	
0	0	0	0	0	0.882	00001	.93	
1	0.018		0.5	1	0.667).991 (000197	
0	0	0	0	0	0.736			
0	0	0	0	0	0.736	00002	211	
0	0	0	0	0	0.882	00002	218	
1	0	1	1	1	1	0000227	7	
0	0	0	0	0	0.736	00002		
0	0	0	0	0	0.936	00002		
0	0	0	0	0	0.882	00002		
0	0	0	0	0	0.936			
0	0	0	0	0	0.936	00002		
0	0	0	0	0	0.736	00002		
0	0	0	0	0	0.736			
0	0	0	0	0	0.736	00002		
0	0	0	0	0	0.736	00002		
0	0	0	0	0	0.882	00002		
0	0	0	0	0	0.936	00003	807	

0	0	0	0	0	0.882	0000311	
0	0	0	0	0	0.736	0000315	
0	0	0	0	0	0.882	0000320	
0	0	0	0	0	0.736	0000331	
0	0	0	0	0	0.882	0000333	
0	0	0	0	0	0.882	0000339	
0	0	0	0	0	0.736	0000355	
0	0	0	0	0	0.882	0000359	
0	0	0	0	0	0.736	0000367	
0	0	0	0	0	0.936	0000374	
0	0	0	0	0	0.736	0000376	
0	0	0	0	0	0.991	0000383	
eighted Avg.	0.107	7	0.016	0.049	0.107	0.055	0.82

Weigl 2

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap ag ar as at au av aw ax ay az ba bb bc bd <-- classified as

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 0000004

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000017

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000018

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000026

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 0000027

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000039

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | g = 0000048

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 0000081

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 0000087

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 0000104

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 0000106

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | I = 0000116

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000117

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | n = 0000118

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | o = 0000121
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | p = 0000126
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | q = 0000127
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | r = 0000133
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | t = 0000142
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | u = 0000147
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = 0000169
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | w = 0000172
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | y = 0000176
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | z = 0000180
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aa = 0000190
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 ab = 0000193
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ac = 0000197
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ad = 0000200
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ae = 0000211
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | af = 0000218
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ag = 0000227
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ah = 0000232
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ai = 0000235
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aj = 0000240
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ak = 0000242
```

=== Re-evaluation on test set ===

User supplied test set Relation: city-res

Instances: unknown (yet). Reading incrementally

Attributes: 5

=== Predictions on test set ===

inst#, actual, predicted, error, probability distribution

1 ? 1:0000004 + *0.033 0.033 0 0.033 0.033 0 0 0.033 0 0 0.033 0 0 0.033 0 0 0.033 0

=== Summary ===

Total Number of Instances 0
Ignored Class Unknown Instances 1

=== Detailed Accuracy By Class ===

ГΡ	Rate	FP Rate	Precis	sion	Recall	F-Measure	ROC Area	Class
0	0	0	0	0	?	0000004		
0	0	0	0	0	?	0000017		
0	0	0	0	0	?	0000018		
0	0	0	0	0	?	0000026		
0	0	0	0	0	?	0000027		
0	0	0	0	0	?	0000039		
0	0	0	0	0	?	0000048		
0	0	0	0	0	?	0000081		
0	0	0	0	0	?	0000087		
0	0	0	0	0	?	0000104		
0	0	0	0	0	?	0000106		
0	0	0	0	0	?	0000116		
0	0	0	0	0	?	0000117		
0	0	0	0	0	?	0000118		
0	0	0	0	0	?	0000121		
0	0	0	0	0	?	0000126		
0	0	0	0	0	?	0000127		
0	0	0	0	0	?	0000133		
0	0	0	0	0	?	0000136		
0	0	0	0	0	?	0000142		
0	0	0	0	0	?	0000147		
0	0	0	0	0	?	0000169		
0	0	0	0	0	?	0000172		
0	0	0	0	0	?	0000173		
0	0	0	0	0	?	0000176		
0	0	0	0	0	?	0000180		
0	0	0	0	0	?	0000190		
0	0	0	0	0	?	0000193		
0	0	0	0	0	?	0000197		
0	0	0	0	0	?	0000200		

0	0	0	0	0	?	0000211	
0	0	0	0	0	?	0000218	
0	0	0	0	0	?	0000227	
0	0	0	0	0	?	0000232	
0	0	0	0	0	?	0000235	
0	0	0	0	0	?	0000240	
0	0	0	0	0	?	0000242	
0	0	0	0	0	?	0000243	
0	0	0	0	0	?	0000247	
0	0	0	0	0	?	0000256	
0	0	0	0	0	?	0000283	
0	0	0	0	0	?	0000285	
0	0	0	0	0	?	0000298	
0	0	0	0	0	?	0000307	
0	0	0	0	0	?	0000311	
0	0	0	0	0	?	0000315	
0	0	0	0	0	?	0000320	
0	0	0	0	0	?	0000331	
0	0	0	0	0	?	0000333	
0	0	0	0	0	?	0000339	
0	0	0	0	0	?	0000355	
0	0	0	0	0	?	0000359	
0	0	0	0	0	?	0000367	
0	0	0	0	0	?	0000374	
0	0	0	0	0	?	0000376	
0	0	0	0	0	?	0000383	
Weighted Avg.	NaN	NaN	1	NaN	NaN	NaN	NaN

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r s t u v w x y z aa ab ac ad ae af ag ah ai aj ak al am an ao ap aq ar as at au av aw ax ay az ba bb bc bd <-- classified as

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 0000081
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 0000087
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 0000104
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 0000106
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000117
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | n = 0000118
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | o = 0000121
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | p = 0000126
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | q = 0000127
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | r = 0000133
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | s = 0000136
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | t = 0000142
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | u = 0000147
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = 0000169
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | y = 0000176
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aa = 0000190
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ab = 0000193
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ac = 0000197
```

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ad = 0000200

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ae = 0000211
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | af = 0000218
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ag = 0000227
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ah = 0000232
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 ai = 0000235
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ai = 0000240
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 ak = 0000242
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | al = 0000243
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | am = 0000247
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | an = 0000256
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ao = 0000283
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ap = 0000285
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aq = 0000298
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ar = 0000307
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | as = 0000311
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | at = 0000315
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | au = 0000320
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | av = 0000331
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aw = 0000333
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ax = 0000339
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ay = 0000355
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | az = 0000359
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ba = 0000367
```

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bb = 0000374
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bc = 0000376
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bd = 0000383
```

Perl code to generate the .arff file:

```
use strict:
use warnings;
my @europe;
my $european = 'C:/Users/yhan/Documents/CS773/g6/european.txt';
open(my $file5, '<', $european) or die "Could not open file!";
while(<$file5>) {
   chomp;
    my $line5 = $ ;
    push(@europe, $line5);
    #print $_;
   }
my $europeans = join(" ", @europe);
my $features = 'C:/Users/yhan/Documents/CS773/q6/features.txt';
open(my $featurefile, '<', $features) or die "Could not open file!";
my %feature;
while (<$featurefile>) {
    my fine = f_{;}
    my (\$i, \$j) = split(\landt/, \$line);
    $feature{$i} = $j;
   #print "$i is $feature{$i}\n";
    #open (my $out, '>', 'C:/Users/yhan/Documents/CS773/q7/city.txt');
my $atmosphere = ""An Historic Spot","An Out Of The Way Find","Authentic","Buffet
Dining", "Business Scene", "Cafe/Garden Dining", "Classic Hotel Dining", "Creative",
"Credit cards are not accepted", "Excellent Decor", "Excellent Food", "Excellent
Service", "Extraordinary Decor", "Extraordinary Food", "Extraordinary Service",
"Fabulous Views", "Fabulous Wine Lists", "Fair Decor", "Fair Food", "Fair Service",
"Focus on Dessert", "For the Young and Young at Heart", "Good Decor", "Good Food",
"Good Out of Town Business", "Good Service", "Good for Younger Kids", "Great for
People Watching", "Health Conscious Menus", "Hip Place To Be", "Little Known But Well
Liked", "Near-perfect Decor", "Near-perfect Food", "Near-perfect Service", "Need To
Dress", "No Liquor Served", "No Reservations", "No Smoking Allowed", "Old World
Cafe Charm", "On the Beach", "Parking/Valet", "People Keep Coming Back", "Place for
Singles", "Poor Decor", "Pub Feel", "Quiet for Conversation", "Quirky", "Relaxed
Senior Scene", "Romantic", "Singles Scene", "Tourist Appeal", "Up and Coming",
"Very Busy - Reservations a Must", "Warm spots by the fire", "Wheelchair Access";
```

```
\frac{*()\[]}{....^{\'}} + //g;
#printf $out $atmosphere;
my $occasion = "Game", "After Hours Dining", "Catering for Special Events", "Dancing",
"Delivery Available", "Dining After the Theater", "Dining Outdoors", "Early Dining",
"Entertainment", "Fine for Dining Alone", "Great Place to Meet for a Drink", "Happy
Hour", "Late Night Menu", "Long Drive", "Margaritas", "Menus in Braille", "Open for
Breakfast", "Open on Mondays", "Open on Sundays", "Other Quick Food", "Parties
and Occasions", "Picnics", "Pre-theater Dining", "Private Parties", "Private Rooms
Available", "Prix Fixe Menus", "See the Game", "Short Drive", "Special Brunch Menu",
"Takeout Available", "Walk", "Weekend Brunch", "Weekend Dining", "Weekend Jazz
Brunch", "Weekend Lunch";
#printf $out $occasion;
my $price = "$15-$30", "$30-$50", "below $15", "over $50";
$price =~ s/[\#@~!\$&*()\[\];..?^`\\\/]+//g;
#printf $out $price:
my $style = "A", "Southern", "Southwestern", "Southeast Asian", "International", "Southern
Comfort", "Deli", "Kosher", "Afghanistan", "Argentinean", "Eclectic",
"Continental", "Bakeries", "Belgian", "Brasserie", "Cab", "Cafe/Espresso Bars",
"Cafeterias", "Californian", "Carry in Wine and Beer", "Caviar", "Central", "Coffee
Houses", "Coffee Shops", "Coffeehouses", "Czech", "Diners", "Down-Home",
"Eastern European", "Egyptian", "English", "Fast Food", "Fondue", "Franco-Russian",
"Frankfurters", "French-Japanese", "Grills", "Guatemalan", "Hamburgers", "Health
Food", "High Tea", "Jewish", "Latin", "Lithuanian", "Middle Eastern", "N",
"Nicaraguan", "Noodle Houses", "Noodle Shops", "Omelettes", "Oyster Bars",
"Pancakes", "Pastries", "Pastry Shops", "Pizza", "Pizzerias", "Po Boys", "Power
Brokers", "Roumanian", "Russian", "Salvadoran", "Scottish", "Soul Food",
"Soulfood", "Steakhouses", "Swiss-French", "Tacos", "Traditional", "Ukrainian",
"Ukranian", "Venezuelan", "Yogurt Bar", "Yugoslavian";
#printf $out $style;
my $dir = 'C:/Users/vhan/Documents/CS773/g7/data':
#open (my $out, '>', 'C:/Users/yhan/Documents/CS773/q7/europeCity2.arff');
foreach my $fp (glob("$dir/*.txt")) {
   open my $fh, "<", $fp or die "can't read open '$fp'";
   #print $fp;
   my sity = (split '\/', sfp)[-1];
   sin = substr(sity, 0, -4);
   #printf $out "\"$city\",";
   open (my $out, '>', "C:/Users/yhan/Documents/CS773/q8/res/$city.txt");
   while (<$fh>) {
   chomp;
   my $line = $_;
   my @res = split /[\s,\t]/, $line;
```

```
my $resatom = '?';
    my $resocc = '?';
    my $resprice = '?';
    my $ressty = '?';
    my $resf;
    print $out "\"$res[0]\",";
    foreach my $ele (@res) {
            if (exists $feature{$ele}) {
                     $resf = $feature{$ele};
                    chomp ($resf);
                     sec = s/[\#@~!\$\&^*()\[];...?^`\\/]+//g;
                     #print $resprice;
                    if($price =~ /$resf/) {
                             $resprice = $resf;
                             }
                     elsif ($style =~ /$resf/) {
                             $ressty = $resf;
                             }
                    elsif ($atmosphere =~ /$resf/) {
                             $resatom = $resf;
                             }
                    elsif ($occasion =~ /$resf/){
                             $resocc = $resf;
                             }
            }
    #print "\"$city\"\n";
    #printf $out
"\"$res[0]\",\"$resatom\",\"$ressty\",\"$resprice\",\"$resocc\",\"$city\"\n";
    }
}
```