Q8.

* 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"

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

* Results:

1. Atlanta: The user should go to the “0000014 Le 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

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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 statistic 0.2353

Mean absolute error 0.0802

Root mean squared error 0.2003

Relative absolute error 76.4706 %

Root relative squared error 87.4475 %

Total Number of Instances 18

=== Detailed Accuracy By Class ===

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

1 0.059 0.5 1 0.667 0.971 0000011

1 0.471 0.111 1 0.2 0.765 0000014

0 0 0 0 0 0.765 0000050

0 0 0 0 0 0.765 0000052

0 0 0 0 0 0.765 0000054

0 0 0 0 0 0.765 0000062

0 0 0 0 0 0.765 0000085

1 0.059 0.5 1 0.667 0.971 0000093

0 0 0 0 0 0.765 0000125

0 0 0 0 0 0.971 0000149

0 0 0 0 0 0.971 0000163

1 0.118 0.333 1 0.5 0.941 0000169

0 0 0 0 0 0.765 0000185

0 0 0 0 0 0.941 0000200

0 0 0 0 0 0.765 0000213

0 0 0 0 0 0.941 0000230

1 0.059 0.5 1 0.667 0.971 0000236

0 0 0 0 0 0.971 0000264

Weighted Avg. 0.278 0.042 0.108 0.278 0.15 0.863

=== Confusion Matrix ===

a b c d e f g h i j k l m n o p q r <-- classified as

1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 0000011

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000014

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000050

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000052

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 0000054

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000062

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | g = 0000085

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 | h = 0000093

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 0000125

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 | j = 0000149

1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 0000163

0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 | l = 0000169

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000185

0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 | n = 0000200

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | o = 0000213

0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 | p = 0000230

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 | q = 0000236

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 | r = 0000264

=== 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

1 ? 2:0000014 + 0 \*0.111 0.111 0.111 0.111 0.111 0.111 0 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 ===

TP Rate FP Rate Precision 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 ===

a b c d e f g h i j k l m n o p q r <-- classified as

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 0000011

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000014

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000050

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000052

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 0000054

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000062

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | g = 0000085

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 0000093

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 0000125

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 0000149

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 0000163

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | l = 0000169

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000185

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | n = 0000200

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | o = 0000213

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | p = 0000230

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | q = 0000236

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | r = 0000264

1. 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 Rate FP Rate Precision Recall F-Measure ROC Area Class

1 0.182 0.2 1 0.333 0.909 0000006

1 0.455 0.091 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 0000313

0 0 0 0 0 0.977 0000321

0 0 0 0 0 0.909 0000353

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

Weighted Avg. 0.261 0.034 0.121 0.261 0.152 0.866

=== 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 <-- classified as

1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 0000006

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000009

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000054

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000056

1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 0000101

0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000108

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | g = 0000114

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 0000143

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 0000146

0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 0000198

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 0000206

0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 | l = 0000208

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000211

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | n = 0000224

1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | o = 0000309

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 | p = 0000313

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 | q = 0000321

1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | r = 0000353

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | s = 0000356

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | t = 0000370

0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | u = 0000409

0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = 0000417

1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | w = 0000432

=== 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

1 ? 6:0000108 + 0 0 0 0 0 \*0.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.5 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 0 0 0 0 ? 0000313

0 0 0 0 0 ? 0000321

0 0 0 0 0 ? 0000353

0 0 0 0 0 ? 0000356

0 0 0 0 0 ? 0000370

0 0 0 0 0 ? 0000409

0 0 0 0 0 ? 0000417

0 0 0 0 0 ? 0000432

Weighted Avg. NaN 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 <-- 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 | a = 0000006

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000009

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000054

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000056

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 0000101

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000108

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | g = 0000114

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 0000143

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 0000146

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 0000198

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 0000206

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | l = 0000208

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000211

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | n = 0000224

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | o = 0000309

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | p = 0000313

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | q = 0000321

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | r = 0000353

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | s = 0000356

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | t = 0000370

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | u = 0000409

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = 0000417

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | w = 0000432

1. 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 0.022 1 0.043 0.913 0000011

1 0.026 0.143 1 0.25 0.987 0000012

1 0.087 0.048 1 0.091 0.957 0000014

1 0.126 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 0.143 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 0.091 1 0.167 0.978 0000046

1 0.009 0.333 1 0.5 0.998 0000047

0 0 0 0 0 0.937 0000048

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 0 0 0.987 0000067

1 0.004 0.5 1 0.667 0.998 0000072

0 0 0 0 0 0.983 0000081

0 0 0 0 0 0.987 0000082

1 0 1 1 1 1 0000083

0 0 0 0 0 0.983 0000084

0 0 0 0 0 0.937 0000088

0 0 0 0 0 0.807 0000091

1 0.017 0.2 1 0.333 0.991 0000095

0 0 0 0 0 0.913 0000096

0 0 0 0 0 0.983 0000098

0 0 0 0 0 0.991 0000102

0 0 0 0 0 0.913 0000103

0 0 0 0 0 0.998 0000108

0 0 0 0 0 0.937 0000115

1 0.004 0.5 1 0.667 0.998 0000123

1 0.013 0.25 1 0.4 0.993 0000125

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 0.957 0000137

0 0 0 0 0 0.996 0000142

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 0.913 0000160

1 0.004 0.5 1 0.667 0.998 0000169

0 0 0 0 0 0.937 0000170

0 0 0 0 0 0.937 0000171

0 0 0 0 0 0.952 0000172

0 0 0 0 0 0.902 0000178

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 0.017 0.2 1 0.333 0.991 0000189

0 0 0 0 0 0.913 0000190

0 0 0 0 0 0.913 0000193

0 0 0 0 0 0.913 0000196

0 0 0 0 0 0.993 0000206

0 0 0 0 0 0.913 0000209

0 0 0 0 0 0.902 0000211

0 0 0 0 0 0.957 0000213

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 0 0 0 0.978 0000222

1 0.009 0.333 1 0.5 0.996 0000223

0 0 0 0 0 0.993 0000228

0 0 0 0 0 0.913 0000229

0 0 0 0 0 0.991 0000230

0 0 0 0 0 0.913 0000232

1 0.026 0.143 1 0.25 0.987 0000233

0 0 0 0 0 0.991 0000234

0 0 0 0 0 0.807 0000236

0 0 0 0 0 0.957 0000239

0 0 0 0 0 0.937 0000240

1 0.022 0.167 1 0.286 0.991 0000242

0 0 0 0 0 0.985 0000243

0 0 0 0 0 0.989 0000244

0 0 0 0 0 0.957 0000245

0 0 0 0 0 0.991 0000246

0 0 0 0 0 0.913 0000249

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 0 0 0.978 0000262

0 0 0 0 0 0.937 0000266

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 0 0 0 0.957 0000277

1 0.009 0.333 1 0.5 0.996 0000283

0 0 0 0 0 0.991 0000289

0 0 0 0 0 0.978 0000294

0 0 0 0 0 0.807 0000295

0 0 0 0 0 0.913 0000296

1 0.004 0.5 1 0.667 0.998 0000299

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 0 0 0.987 0000314

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 0 0 0.913 0000327

0 0 0 0 0 0.987 0000329

0 0 0 0 0 0.957 0000332

0 0 0 0 0 0.993 0000333

0 0 0 0 0 0.996 0000334

0 0 0 0 0 0.913 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 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 0.987 0000439

0 0 0 0 0 0.985 0000440

0 0 0 0 0 0.991 0000448

0 0 0 0 0 0.978 0000450

0 0 0 0 0 0.913 0000451

1 0.004 0.5 1 0.667 0.998 0000452

0 0 0 0 0 0.957 0000453

0 0 0 0 0 0.978 0000454

0 0 0 0 0 0.978 0000457

0 0 0 0 0 0.913 0000459

0 0 0 0 0 0.998 0000460

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 0000480

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 0000513

0 0 0 0 0 0.985 0000515

0 0 0 0 0 0.937 0000528

0 0 0 0 0 0.987 0000531

1 0 1 1 1 1 0000534

0 0 0 0 0 0.913 0000535

0 0 0 0 0 0.913 0000539

0 0 0 0 0 0.957 0000545

0 0 0 0 0 0.957 0000548

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 1 0000583

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 0000608

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

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

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 0000001

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000006

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000011

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000012

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 0000014

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000018

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000020

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 0000029

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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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 0000037

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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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | gu = 0000597

0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | gv = 0000600

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 | gw = 0000603

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | gx = 0000604

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | gy = 0000605

0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | gz = 0000608

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ha = 0000609

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hb = 0000612

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hc = 0000615

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hd = 0000618

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | he = 0000621

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hf = 0000625

0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hg = 0000628

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hh = 0000629

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hi = 0000631

0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hj = 0000634

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hk = 0000636

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hl = 0000637

0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hm = 0000639

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hn = 0000641

0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ho = 0000642

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hp = 0000658

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 | hq = 0000659

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hr = 0000663

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hs = 0000666

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ht = 0000667

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 | hu = 0000669

0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hv = 0000673

0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hw = 0000675

=== 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 ? 181:000053 + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.944 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 ? 0000001

0 0 0 0 0 ? 0000006

0 0 0 0 0 ? 0000011

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 ? 0000131

0 0 0 0 0 ? 0000134

0 0 0 0 0 ? 0000136

0 0 0 0 0 ? 0000137

0 0 0 0 0 ? 0000142

0 0 0 0 0 ? 0000147

0 0 0 0 0 ? 0000148

0 0 0 0 0 ? 0000151

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 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 ? 0000233

0 0 0 0 0 ? 0000234

0 0 0 0 0 ? 0000236

0 0 0 0 0 ? 0000239

0 0 0 0 0 ? 0000240

0 0 0 0 0 ? 0000242

0 0 0 0 0 ? 0000243

0 0 0 0 0 ? 0000244

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 ? 0000302

0 0 0 0 0 ? 0000306

0 0 0 0 0 ? 0000308

0 0 0 0 0 ? 0000309

0 0 0 0 0 ? 0000314

0 0 0 0 0 ? 0000315

0 0 0 0 0 ? 0000320

0 0 0 0 0 ? 0000326

0 0 0 0 0 ? 0000327

0 0 0 0 0 ? 0000329

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 0 0 0 ? 0000353

0 0 0 0 0 ? 0000355

0 0 0 0 0 ? 0000356

0 0 0 0 0 ? 0000357

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 ? 0000474

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 ? 0000583

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 ? 0000608

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 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 <-- 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 0000001

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000006

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000011

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000012

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000018

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000040

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000046

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000048

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | q = 0000057

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | r = 0000058

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | s = 0000067

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | t = 0000072

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | u = 0000081

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = 0000082

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | x = 0000084

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hh = 0000629

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hi = 0000631

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hj = 0000634

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hk = 0000636

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hl = 0000637

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hm = 0000639

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hn = 0000641

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ho = 0000642

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hp = 0000658

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hq = 0000659

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hr = 0000663

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hs = 0000666

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ht = 0000667

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hu = 0000669

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hv = 0000673

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | hw = 0000675

1. 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 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

2 2:0000002 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

3 3:0000008 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

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

5 5:0000014 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

6 6:0000016 6:0000016 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

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

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

9 9:0000037 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

10 10:0000038 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

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

12 12:0000040 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

13 13:0000041 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

14 14:0000044 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

15 15:0000050 15:0000050 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.333 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.333 0 0 0 0 0 0 0 0 0 0 0 0 0 0.333 0 0 0 0 0 0 0 0 0 0 0

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

17 17:0000056 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

18 18:0000060 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 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 0 0 0.029 0.029 0 0 0 0 0 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

20 20:0000068 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

21 21:0000083 21:0000083 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

22 22:0000086 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

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

24 24:0000092 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

25 25:0000095 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

26 26:0000097 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

28 28:0000110 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

29 29:0000111 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

30 30:0000113 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

31 31:0000114 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

32 32:0000116 4:0000011 + 0 0 0 \*0.167 0 0 0 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 0 0.167 0 0 0 0 0 0 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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

34 34:0000123 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

35 35:0000124 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

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

37 37:0000126 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 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 0 0 0.029 0.029 0 0 0 0 0 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

39 39:0000131 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

40 40:0000148 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

41 41:0000149 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

42 42:0000150 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

43 43:0000152 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

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

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

46 46:0000169 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

47 47:0000171 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

48 48:0000177 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

49 49:0000183 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

50 50:0000193 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

51 51:0000195 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

52 52:0000205 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

53 53:0000214 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

54 54:0000215 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 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 0 0 0.029 0.029 0 0 0 0 0 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

56 56:0000217 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

57 57:0000225 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 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 0 0 0.029 0.029 0 0 0 0 0 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

59 59:0000234 33:0000122 + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.25 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 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 0 0 0 0 0 0

60 60:0000236 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

61 61:0000249 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

62 62:0000254 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 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 0 0 0.029 0.029 0 0 0 0 0 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

64 64:0000259 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

65 65:0000260 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

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

67 67:0000278 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

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

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

70 70:0000289 70:0000289 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

71 71:0000290 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

72 72:0000291 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

73 73:0000292 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

74 74:0000301 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

75 75:0000307 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

76 76:0000309 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

77 77:0000312 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

78 78:0000314 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

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

80 80:0000318 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

81 81:0000322 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

82 82:0000323 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

83 83:0000327 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

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

85 85:0000345 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

86 86:0000351 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

87 87:0000365 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 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 0 0 0.029 0.029 0 0 0 0 0 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 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 0 0 0.029 0.029 0 0 0 0 0 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

90 90:0000375 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

91 91:0000378 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

92 92:0000384 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

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

94 94:0000386 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

95 95:0000392 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 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 0 0 0.029 0.029 0 0 0 0 0 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

97 97:0000412 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

98 98:0000416 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

99 99:0000422 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

100 100:000042 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

101 101:000043 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

102 102:000044 1:0000000 + \*0.023 0.023 0 0 0.023 0 0.023 0.023 0 0.023 0 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 0

103 103:000044 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 0.029 0.029 0 0.029 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 0.029 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 0.029 0.029 0 0.029 0 0 0 0 0 0 0.029 0 0 0.029 0 0.029 0.029 0 0.029 0 0 0 0 0.029 0 0 0.029 0.029 0.029 0 0.029 0

104 104:000044 21:0000083 + 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 0.083 0 0 0 0 0 0.083 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0.083 0 0 0.083 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083

=== 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

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 | a = 0000000

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 | b = 0000002

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 | c = 0000008

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 | d = 0000011

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 | e = 0000014

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 | f = 0000016

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 | g = 0000022

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 | h = 0000024

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 | i = 0000037

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 | j = 0000038

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 | k = 0000039

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 | l = 0000040

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 | m = 0000041

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 | n = 0000044

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 | o = 0000050

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 | p = 0000054

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 | q = 0000056

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 | r = 0000060

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 | s = 0000066

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 | t = 0000068

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 | u = 0000083

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 | v = 0000086

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 | w = 0000087

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 | x = 0000092

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 | y = 0000095

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 | z = 0000097

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 | aa = 0000101

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 | ab = 0000110

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 | ac = 0000111

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 | ad = 0000113

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 | ae = 0000114

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 | af = 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 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 | ag = 0000122

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 | ah = 0000123

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 | ai = 0000124

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 | aj = 0000125

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 | ak = 0000126

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 | al = 0000127

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 | am = 0000131

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 | an = 0000148

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 | ao = 0000149

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 | ap = 0000150

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 | aq = 0000152

0 0 0 0 0 0 0 0 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 | ar = 0000155

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 | as = 0000161

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 | at = 0000169

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 | au = 0000171

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 | av = 0000177

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 | aw = 0000183

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 | ax = 0000193

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 | ay = 0000195

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 | az = 0000205

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 | ba = 0000214

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 | bb = 0000215

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 | bc = 0000216

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 | bd = 0000217

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 | be = 0000225

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 | bf = 0000229

0 0 0 0 0 0 0 0 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 | bg = 0000234

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 | bh = 0000236

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 | bi = 0000249

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 | bj = 0000254

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 | bk = 0000257

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 | bl = 0000259

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 | bm = 0000260

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 | bn = 0000273

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 | bo = 0000278

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 | bp = 0000283

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 | bq = 0000284

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 | br = 0000289

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 | bs = 0000290

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 | bt = 0000291

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 | bu = 0000292

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 | bv = 0000301

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 | bw = 0000307

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 | bx = 0000309

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 | by = 0000312

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 | bz = 0000314

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 | ca = 0000315

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 | cb = 0000318

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 | cc = 0000322

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 | cd = 0000323

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 | ce = 0000327

0 0 0 0 0 0 0 0 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 | cf = 0000333

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 | cg = 0000345

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 | ch = 0000351

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 | ci = 0000365

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 | cj = 0000368

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 | ck = 0000374

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 | cl = 0000375

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 | cm = 0000378

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 | cn = 0000384

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 | co = 0000385

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 | cp = 0000386

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 | cq = 0000392

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 | cr = 0000396

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 | cs = 0000412

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 | ct = 0000416

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 | cu = 0000422

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 | cv = 0000427

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 | cw = 0000437

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 | cx = 0000442

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 | cy = 0000443

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 | cz = 0000446

=== 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 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 0 0 0 0 0.023 0 0 0 0 0.023 0 0 0 0 0 0.023 0.023 0.023 0 0 0.023 0 0 0.023 0 0.023 0.023 0 0 0.023 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 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 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 ? 0000000

0 0 0 0 0 ? 0000002

0 0 0 0 0 ? 0000008

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 ? 0000068

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

0 0 0 0 0 ? 0000374

0 0 0 0 0 ? 0000375

0 0 0 0 0 ? 0000378

0 0 0 0 0 ? 0000384

0 0 0 0 0 ? 0000385

0 0 0 0 0 ? 0000386

0 0 0 0 0 ? 0000392

0 0 0 0 0 ? 0000396

0 0 0 0 0 ? 0000412

0 0 0 0 0 ? 0000416

0 0 0 0 0 ? 0000422

0 0 0 0 0 ? 0000427

0 0 0 0 0 ? 0000437

0 0 0 0 0 ? 0000442

0 0 0 0 0 ? 0000443

0 0 0 0 0 ? 0000446

Weighted Avg. NaN 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 <-- 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 | a = 0000000

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000002

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000008

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000011

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000016

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000022

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | t = 0000068

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | u = 0000083

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = 0000086

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | w = 0000087

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | y = 0000095

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | z = 0000097

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aa = 0000101

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ad = 0000113

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | af = 0000116

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | an = 0000148

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ao = 0000149

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ar = 0000155

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aw = 0000183

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ax = 0000193

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | az = 0000205

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bf = 0000229

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bi = 0000249

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bj = 0000254

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bk = 0000257

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bm = 0000260

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bp = 0000283

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bq = 0000284

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | br = 0000289

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bs = 0000290

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bt = 0000291

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bu = 0000292

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bv = 0000301

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bw = 0000307

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bx = 0000309

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | by = 0000312

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | bz = 0000314

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ca = 0000315

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cb = 0000318

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cc = 0000322

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cd = 0000323

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ce = 0000327

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cf = 0000333

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cg = 0000345

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ch = 0000351

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ci = 0000365

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cj = 0000368

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ck = 0000374

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cl = 0000375

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cm = 0000378

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cn = 0000384

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | co = 0000385

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cp = 0000386

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cq = 0000392

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cr = 0000396

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cs = 0000412

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ct = 0000416

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cu = 0000422

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cv = 0000427

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cw = 0000437

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cx = 0000442

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cy = 0000443

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | cz = 0000446

1. 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 0 0 0 0 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 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0

2 2:0000012 2:0000012 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05 0.05

3 3:0000013 3:0000013 0 0 \*0.25 0 0.25 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 0 0 0 0 0 0 0 0 0.25 0 0 0 0

4 4:0000014 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 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 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 0 0.25 0 0 0 0

6 6:0000030 6:0000030 0 0 0 0 0 \*0.167 0 0 0 0.167 0 0 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 0 0 0.167 0 0 0 0 0 0 0 0

7 7:0000040 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 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 0 0.05 0.05 0 0 0 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 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 0.111 0 0 0 0 0.111 0 0 0 0 0 0.111 0 0 0.111 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0

10 10:0000068 6:0000030 + 0 0 0 0 0 \*0.167 0 0 0 0.167 0 0 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 0 0 0.167 0 0 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 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

12 12:0000086 1:0000003 + \*0.111 0 0 0 0 0 0 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 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0

13 13:0000094 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 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 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 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 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 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 0.167 0 0 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 0 0 0.167 0 0 0 0 0 0 0 0

17 17:0000126 1:0000003 + \*0.111 0 0 0 0 0 0 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 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0

18 18:0000134 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05 0.05

19 19:0000135 3:0000013 + 0 0 \*0.25 0 0.25 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 0 0 0 0 0 0 0 0 0.25 0 0 0 0

20 20:0000142 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05 0.05

21 21:0000144 21:0000144 0 0 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 0.2 0.2 0 0 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 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 0 0

23 23:0000160 1:0000003 + \*0.111 0 0 0 0 0 0 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 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0

24 24:0000166 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 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 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 0 0 0 0.111 0 0 0 0 0 0.111 0 0 0.111 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0 0 0.111 0 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 0 0 0 0.111 0 0 0 0 0 0.111 0 0 0.111 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0

28 28:0000201 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05 0.05

29 29:0000203 6:0000030 + 0 0 0 0 0 \*0.167 0 0 0 0.167 0 0 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 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 0 0.167 0 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 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 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 0 0

32 32:0000219 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 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 0.05 0 0 0.05 0 0.05 0 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

34 34:0000225 1:0000003 + \*0.111 0 0 0 0 0 0 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 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0

35 35:0000230 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 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 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 0 0

37 37:0000236 21:0000144 + 0 0 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 0.2 0.2 0 0 0 0 0 0 0 0 0

38 38:0000244 6:0000030 + 0 0 0 0 0 \*0.167 0 0 0 0.167 0 0 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 0 0 0.167 0 0 0 0 0 0 0 0

39 39:0000246 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 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 0 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 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 0.111 0 0 0 0 0.111 0 0 0 0 0 0.111 0 0 0.111 0.111 0 0 0 0 0 0 0.111 0 0 0 0 0 0 0.111 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 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 0 0.25 0 0 0 0

43 43:0000284 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 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 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05 0.05

45 45:0000288 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 0 0 0.05 0.05 0.05 0.05

46 46:0000311 2:0000012 + 0 \*0.05 0 0.05 0 0 0.05 0.05 0 0 0 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 0.05 0.05 0 0.05 0 0 0 0.05 0.05 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 94.2809 %

Total Number of Instances 46

=== Detailed Accuracy By Class ===

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

1 0.178 0.111 1 0.2 0.911 0000003

1 0.422 0.05 1 0.095 0.789 0000012

1 0.067 0.25 1 0.4 0.967 0000013

0 0 0 0 0 0.789 0000014

0 0 0 0 0 0.967 0000018

1 0.111 0.167 1 0.286 0.944 0000030

0 0 0 0 0 0.789 0000040

0 0 0 0 0 0.789 0000054

0 0 0 0 0 0.911 0000057

0 0 0 0 0 0.944 0000068

1 0.022 0.5 1 0.667 0.989 0000070

0 0 0 0 0 0.911 0000086

0 0 0 0 0 0.789 0000094

0 0 0 0 0 0.789 0000115

0 0 0 0 0 0.789 0000119

0 0 0 0 0 0.944 0000124

0 0 0 0 0 0.911 0000126

0 0 0 0 0 0.789 0000134

0 0 0 0 0 0.967 0000135

0 0 0 0 0 0.789 0000142

1 0.089 0.2 1 0.333 0.956 0000144

0 0 0 0 0 0.956 0000146

0 0 0 0 0 0.911 0000160

0 0 0 0 0 0.789 0000166

0 0 0 0 0 0.989 0000183

0 0 0 0 0 0.911 0000194

0 0 0 0 0 0.911 0000195

0 0 0 0 0 0.789 0000201

0 0 0 0 0 0.944 0000203

0 0 0 0 0 0.944 0000211

0 0 0 0 0 0.956 0000216

0 0 0 0 0 0.789 0000219

0 0 0 0 0 0.789 0000223

0 0 0 0 0 0.911 0000225

0 0 0 0 0 0.789 0000230

0 0 0 0 0 0.956 0000234

0 0 0 0 0 0.956 0000236

0 0 0 0 0 0.944 0000244

0 0 0 0 0 0.789 0000246

0 0 0 0 0 0.789 0000257

0 0 0 0 0 0.911 0000260

0 0 0 0 0 0.967 0000275

0 0 0 0 0 0.789 0000284

0 0 0 0 0 0.789 0000287

0 0 0 0 0 0.789 0000288

0 0 0 0 0 0.789 0000311

Weighted Avg. 0.13 0.019 0.028 0.13 0.043 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

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 | a = 0000003

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 | b = 0000012

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 | c = 0000013

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 | d = 0000014

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 | e = 0000018

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 | f = 0000030

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 | g = 0000040

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 | h = 0000054

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 | i = 0000057

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 | j = 0000068

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 | k = 0000070

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 | l = 0000086

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 | m = 0000094

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 | n = 0000115

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 | o = 0000119

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 | p = 0000124

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 | q = 0000126

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 | r = 0000134

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 | s = 0000135

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 | t = 0000142

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 | u = 0000144

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 | v = 0000146

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 | w = 0000160

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 | x = 0000166

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 | y = 0000183

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 | z = 0000194

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 | aa = 0000195

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 | ab = 0000201

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 | ac = 0000203

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 | ad = 0000211

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 | ae = 0000216

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 | af = 0000219

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 | ag = 0000223

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 | ah = 0000225

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 | ai = 0000230

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 | aj = 0000234

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 | ak = 0000236

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 | al = 0000244

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 | am = 0000246

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 | an = 0000257

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 | ao = 0000260

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 | ap = 0000275

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 | aq = 0000284

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 | ar = 0000287

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 | as = 0000288

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 | at = 0000311

=== 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 ? 1:0000003 + \*0.111 0 0 0 0 0 0 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 0 0 0 0.111 0 0 0 0 0 0 0.111 0 0 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 ? 0000003

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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 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 0 0 0 0 0 0 0 0 0 0 | b = 0000012

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000013

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 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 | e = 0000018

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 0000030

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000040

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 0000054

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 0000057

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 0000068

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | k = 0000070

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000086

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | m = 0000094

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000115

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000119

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000124

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | q = 0000126

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | r = 0000134

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | s = 0000135

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | u = 0000144

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | v = 0000146

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | w = 0000160

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | x = 0000166

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | y = 0000183

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | z = 0000194

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aa = 0000195

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ab = 0000201

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ac = 0000203

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ad = 0000211

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ae = 0000216

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | af = 0000219

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ag = 0000223

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ah = 0000225

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ai = 0000230

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aj = 0000234

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ak = 0000236

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | al = 0000244

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | am = 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 | an = 0000257

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ao = 0000260

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ap = 0000275

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | aq = 0000284

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ar = 0000287

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | as = 0000288

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | at = 0000311

1. 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 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 0 0.012 0 0 0 0 0 0.023 0 0.013 0 0 0.023 0 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

2 2:0000003 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 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 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 0.207 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 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 0 0 0 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

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 0 0 0 0.006 0 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 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 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 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 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 0 0.006 0.006 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 0.006 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 0 0 0.006 0 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 0.254 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 0 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 0.006 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 0.006 0.006 0.006 0 0 0 0.006 0 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 0.006 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 0.006 0 0 0 0 0 0.006 0.006 0.006 0 0 0

4 4:0000011 4:0000011 0 0 0 \*0.392 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 0.017 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 0.017 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 0 0 0 0 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 0.392 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 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 0.017 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 0 0 0 0 0 0.017 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 0.017 0 0.017 0 0 0 0 0 0 0 0 0 0 0 0 0 0

5 5:0000014 5:0000014 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 0.047 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 0.047 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 0.271 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 0 0 0 0 0 0 0.047 0

6 6:0000017 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 0.109 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 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 0.038 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 0.109 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.109 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 0.029 0 0 0 0 0 0 0 0 0 0 0 0.029 0

7 7:0000018 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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 0 0 0.006 0 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 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

9 9:0000020 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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

11 11:0000023 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 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 0.084 0.006 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 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 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 0 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0.084 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 0 0 0 0 0 0 0 0.084 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 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 0 0 0.006 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 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 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 0.006 0.006 0.084 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 0 0.006 0 0 0 0 0 0 0 0.006

12 12:0000030 12:0000030 0.022 0 0 0 0 0 0 0 0 0 0 \*0.495 0 0 0 0 0 0 0 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 0.022 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 0.022 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 0 0 0 0 0 0 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 0.022 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 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 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 0.022 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 0.022 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.022 0 0 0 0 0 0 0 0 0 0 0

13 13:0000031 13:0000031 0.006 0 0 0 0 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 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 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 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 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 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 0 0.006 0.006 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 0.006 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 0 0 0.006 0 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 0 0 0 0.006 0 0.127 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 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 0 0 0 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 0.006 0.006 0.006 0 0 0 0.006 0 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 0.006 0 0 0.127 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 0 0 0.006 0.006 0.006 0 0 0

14 14:0000032 14:0000032 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

15 15:0000043 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

16 16:0000044 16:0000044 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 0 0 0 0 0 0 0 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 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 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

17 17:0000045 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 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 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 0.071 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

18 18:0000046 18:0000046 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 0.074 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 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 0 0 0.074 0 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 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0.007

20 20:0000052 20:0000052 0 0 0 0 0 0 0.006 0 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 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 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 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 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 0 0 0.006 0.006 0 0 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 0 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 0.006 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 0.006 0 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 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 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 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 0.006 0 0 0 0.006 0 0 0 0 0 0.294 0 0 0.006 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 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 0.006

21 21:0000055 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

22 22:0000060 22:0000060 0 0 0 0 0 0 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 0.01 0 0 0 0 0 0.01 0 0.01 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0.01 0 0 0 0.01 0 0 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 0 0.01 0 0 0 0 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 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 0.01 0 0 0 0 0 0 0 0 0 0.01 0.01 0 0 0 0 0 0 0 0.01 0 0.01 0.01 0 0 0 0 0 0.116 0.01 0 0 0 0 0 0 0.01 0.01 0 0 0 0 0.01 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 0 0 0 0 0 0 0 0 0 0 0.01 0 0 0 0.01 0 0.01 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 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 0 0 0 0 0.01 0.01 0 0 0 0 0.01 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 0.01 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 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 0.01 0.01 0.01 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 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 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

24 24:0000067 24:0000067 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.142 0 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 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 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 0.142 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 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 0 0 0 0 0 0.013 0 0.013 0 0 0 0 0 0 0 0.013 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 0.013 0 0 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.013 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 0.013 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 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 0.013 0 0 0 0 0 0 0 0 0 0 0

25 25:0000068 25:0000068 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

27 27:0000074 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

28 28:0000081 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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

29 29:0000082 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

30 30:0000083 19:0000051 + 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0.007

31 31:0000084 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 0.109 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 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 0.038 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 0.109 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.109 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 0.029 0 0 0 0 0 0 0 0 0 0 0 0.029 0

32 32:0000087 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

34 34:0000095 34:0000095 0 0 0 0 0 0 0.013 0 0.013 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 0.013 \*0.112 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 0.013 0 0 0.013 0 0 0 0 0 0 0.013 0 0 0 0 0 0 0.112 0 0 0 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0.013 0 0 0.013 0 0 0 0 0 0 0.013 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 0 0.013 0.013 0 0 0 0.013 0.013 0 0 0 0.013 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 0 0 0 0.013 0 0 0 0.013 0 0 0 0 0 0.013 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 0.013 0 0.013 0 0.112 0 0.013 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 0.013 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 0.013 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 0.013 0 0 0 0 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 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 0 0 0 0 0.013 0 0 0 0 0 0 0.013 0 0 0 0.013 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 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 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 0.105 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 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 0.012 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 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 0.012 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 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 0.012 0.012 0 0.012 0 0 0 0 0 0 0 0.105 0 0 0 0 0 0

36 36:0000098 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

37 37:0000101 37:0000101 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 \*0.361 0 0 0 0 0 0.012 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 0.012 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 0.361 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 0.012 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 0.012 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 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 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 0.012 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 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 0.012 0 0 0 0 0 0 0 0 0 0.012 0 0 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 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 0.043 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 0.283 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 0.043 0 0 0 0 0 0 0.043 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.043 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

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 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 0.029 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 0.029 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 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 0.029 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 0 0 0.006 0 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 \*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 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 0.006 0 0 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

41 41:0000109 41:0000109 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 0 0.006 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 0 0 0 0.006 0 0.006 0 0.006 0.147 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 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 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 0 0 0.006 0.006 0 0 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 0 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 0.006 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 0.006 0 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 0.147 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 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.147 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 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

42 42:0000110 215:000062 + 0 0 0.006 0 0 0 0 0 0 0.007 0 0 0.006 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

43 43:0000111 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

45 45:0000115 24:0000067 + 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.142 0 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 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 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 0.142 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 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 0 0 0 0 0 0.013 0 0.013 0 0 0 0 0 0 0 0.013 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 0.013 0 0 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.013 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 0.013 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 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 0.013 0 0 0 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 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 0.029 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 0.029 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 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

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 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 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 0.207 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 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 0 0 0 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 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 0 0.012 0 0 0 0 0 0.023 0 0.013 0 0 0.023 0 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

49 49:0000126 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 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 0 0 0 0 0.083 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.083 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 0.029 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 0.029 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 0.083 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 0.083 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 0.029 0 0 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 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 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 0.109 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 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 0.038 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 0.109 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.109 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 0.029 0 0 0 0 0 0 0 0 0 0 0 0.029 0

53 53:0000134 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

54 54:0000137 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 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 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 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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 0 0.006 0 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 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 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 0.006 0 0 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0.084 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 0 0 0 0 0 0 0 0.084 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 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 0 0 0.006 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 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 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 0.006 0.006 0.084 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 0 0.006 0 0 0 0 0 0 0 0.006

57 57:0000144 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

58 58:0000147 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 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 0.022 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 0 0.022 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 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 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 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 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 0.022 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 0.022 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.022 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 0.006 0 0 0 0.008 0 0 0 0.007 0.006 0 0 0.004 0 0.006 0 0.008 0 0 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

60 60:0000150 41:0000109 + 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 0 0.006 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 0 0 0 0.006 0 0.006 0 0.006 0.147 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 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 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 0 0 0.006 0.006 0 0 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 0 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 0.006 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 0.006 0 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 0.147 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 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.147 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 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

61 61:0000158 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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

62 62:0000160 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 0.071 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

64 64:0000163 64:0000163 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 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 0 0 0 0 0.006 0 0.006 0 0.006 0 0 0.006 0 \*0.294 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 0.006 0 0 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0.006 0.006 0 0 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 0 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 0.006 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 0.006 0 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 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 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 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 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 0.006 0.006 0 0 0 0 0 0 0.294 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 0.006

65 65:0000165 65:0000165 0.035 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.035 0 0 0 0 0.035 0 0 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 \*0.197 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.035 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0.035 0 0.035 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0.035 0 0.035 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.035 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.035 0 0 0 0 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0 0 0.035 0 0 0 0 0 0 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0

66 66:0000170 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

67 67:0000173 67:0000173 0 0 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 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 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 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 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 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 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 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0.101 0.101 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 0 0 0.008 0 0.008 0 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 0.008 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 0 0 0 0 0 0 0 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 0 0.008 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0 0 0 0 0 0.008 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 0.008 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 0 0.008 0.008 0.008 0 0 0

68 68:0000176 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 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 0.006 0 0 0 0.008 0 0 0 0.007 0.006 0 0 0.004 0 0.006 0 0.008 0 0 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

70 70:0000179 70:0000179 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

71 71:0000180 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

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 0 \*0.829 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 0.029 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 0 0 0 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

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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 0 0 0 0 0 0 0 0 0

74 74:0000189 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

75 75:0000191 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

76 76:0000196 34:0000095 + 0 0 0 0 0 0 0.013 0 0.013 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 0.013 \*0.112 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 0.013 0 0 0.013 0 0 0 0 0 0 0.013 0 0 0 0 0 0 0.112 0 0 0 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0.013 0 0 0.013 0 0 0 0 0 0 0.013 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 0 0.013 0.013 0 0 0 0.013 0.013 0 0 0 0.013 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 0 0 0 0.013 0 0 0 0.013 0 0 0 0 0 0.013 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 0.013 0 0.013 0 0.112 0 0.013 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 0.013 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 0.013 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 0.013 0 0 0 0 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 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 0 0 0 0 0.013 0 0 0 0 0 0 0.013 0 0 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 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 0.029 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 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 0.032 0.029 0 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 0 0 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0.047 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 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 0.029 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 0.029 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 0.029 0 0 0 0 0 0.029 0 0 0 0.029 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 0.032 0

78 78:0000203 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

80 80:0000212 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

81 81:0000216 81:0000216 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 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 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 0 0 0 0 0 0 0 0 0 0.006 \*0.294 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 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 0 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0.294 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 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 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 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 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 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 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

82 82:0000217 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 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 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 0 0 0 0 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 0.101 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0 0 0.021 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 0.101 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 0.101 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 0.021 0 0 0 0 0 0 0 0 0 0.021 0 0 0 0.101 0 0 0 0 0 0 0

84 84:0000225 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

85 85:0000231 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

86 86:0000234 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

87 87:0000244 16:0000044 + 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 0 0 0 0 0 0 0 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 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 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

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 0 0 0.029 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 0.029 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 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

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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 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 0 0 0 0 0 \*0.116 0 0 0 0.01 0 0 0.01 0 0 0.01 0 0 0 0.01 0 0 0 0 0 0.01 0 0.01 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0.01 0 0 0 0.01 0 0 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 0 0.01 0 0 0 0 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 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 0.01 0 0 0 0 0 0 0 0 0 0.01 0.01 0 0 0 0 0 0 0 0.01 0 0.01 0.01 0 0 0 0 0 0.116 0.01 0 0 0 0 0 0 0.01 0.01 0 0 0 0 0.01 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 0 0 0 0 0 0 0 0 0 0 0.01 0 0 0 0.01 0 0.01 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 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 0 0 0 0 0.01 0.01 0 0 0 0 0.01 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 0.01 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 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 0.01 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

92 92:0000255 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

93 93:0000259 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

94 94:0000266 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 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 0.01 0 0.01 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 0.01 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.01 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 0 0 0 0 0 0.01 0 \*0.24 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 0.01 0 0 0 0 0 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 0.01 0 0.01 0 0 0 0 0 0 0.01 0 0.24 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 0.01 0 0 0 0.01 0 0 0 0 0 0.01 0.01 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 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 0.01 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 0.01 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 0.01 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 0 0.01 0 0 0 0 0 0 0.01 0 0.01 0 0.01 0 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 0 0.01 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 0 0 0 0 0 0.01 0 0 0 0.01 0 0 0 0 0 0 0 0.01

96 96:0000287 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

97 97:0000292 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 0.207 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 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 0 0 0 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

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 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 0.029 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

101 101:000030 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 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 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 \*0.283 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 0.043 0 0 0 0.283 0 0 0.043 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

103 103:000031 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

104 104:000031 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

105 105:000031 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

106 106:000032 106:000032 0 0.029 0 0 0.047 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 0.029 0 0 0 0 0 0 0.029 0.029 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 0.032 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 0 0 0 0 0 0 \*0.299 0.029 0 0 0 0 0 0 0 0 0 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 0.047 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 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 0.029 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 0.029 0 0 0 0.029 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 0.032 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 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 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 0.207 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 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 0 0 0 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

108 108:000032 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

109 109:000032 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

110 110:000033 37:0000101 + 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 \*0.361 0 0 0 0 0 0.012 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 0.012 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 0.361 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 0.012 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 0.012 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 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 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 0.012 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 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 0.012 0 0 0 0 0 0 0 0 0 0.012 0 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 0 0 0 0.006 0 0 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

112 112:000033 112:000033 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 0.012 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 0.012 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 \*0.361 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 0 0 0 0 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 0.012 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 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 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 0.012 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 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 0.012 0 0 0 0 0 0 0 0 0 0.012 0 0 0 0 0 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 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 0.022 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 0 0.022 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 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 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 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 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 0.022 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 0.022 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.022 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 0 0 0 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 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 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 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 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

116 116:000034 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

117 117:000034 35:0000097 + 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 \*0.105 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 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 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 0.012 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 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 0.012 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 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 0.012 0.012 0 0.012 0 0 0 0 0 0 0 0.105 0 0 0 0 0 0

118 118:000035 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

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 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 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 0 0 0.004 0 0 0 0 0 0 0.006 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0.004 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 0 0 0 0.004 0 0 0 0 0 0 0 0.006 0 0 0.006 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 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 0.004 0 0.004 0 0 0 0 0.004 0 0 0 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 0.004 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 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 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 0 0.004 0.004 0 0.006 0 0 0.006 0 0.006 0 0.004 0 0 0 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 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 0.006 0.004 0 0 0 0.004 0 0 0 0.004 0 0 0 0 0 0.006 0 0 0.004 0 0.006 0.004 0 0 0 0 0.004 0.004 0.006 0.006 0 0 0 0 0.006 0 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

121 121:000035 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

122 122:000035 34:0000095 + 0 0 0 0 0 0 0.008 0.006 0.008 0 0.006 0 0 0 0.008 0 0 0 0.007 0.006 0 0 0.004 0 0.006 0 0.008 0 0 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

123 123:000036 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

124 124:000036 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

126 126:000036 18:0000046 + 0 0.029 0 0 0 0.038 0 0 0 0 0 0 0 0 0 0.029 0 \*0.074 0 0 0 0 0 0 0 0 0 0 0 0 0.038 0 0 0 0 0 0 0 0.029 0 0 0 0 0 0 0.029 0.029 0 0 0.029 0 0.038 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 0.029 0.029 0 0 0 0 0 0 0 0 0 0.029 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 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 0 0 0.038 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.038 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 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 0.038 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 0.038 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 0.029 0 0 0 0.029 0 0 0 0 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 0.024 0

127 127:000036 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

129 129:000037 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 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 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 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 0 0 0 0 0 0

131 131:000037 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

132 132:000037 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

133 133:000038 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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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

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 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 0.043 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 0.283 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 0.043 0 0 0 0 0 0 0.043 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.043 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

135 135:000038 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

138 138:000039 24:0000067 + 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.142 0 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 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 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 0.142 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 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 0 0 0 0 0 0.013 0 0.013 0 0 0 0 0 0 0 0.013 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 0.013 0 0 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.013 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 0.013 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 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 0.013 0 0 0 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

140 140:000039 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

141 141:000040 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

142 142:000040 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

143 143:000040 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

144 144:000041 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

145 145:000041 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

146 146:000042 19:0000051 + 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0.007

147 147:000042 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

148 148:000043 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

149 149:000043 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

150 150:000043 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

151 151:000043 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

152 152:000044 152:000044 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 0.017 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 0.017 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.392 0.017 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 0.017 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 0 0 0 0 0 0.017 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 0.017 0 0.017 0 0 0 0 0 0 0 0 0 0 0 0 0 0

153 153:000044 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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

154 154:000044 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 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 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 0.071 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

155 155:000044 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 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 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 0.071 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

156 156:000044 19:0000051 + 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 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 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 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 0.105 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 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 0.012 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 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 0.012 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 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 0.012 0.012 0 0.012 0 0 0 0 0 0 0 0.105 0 0 0 0 0 0

158 158:000045 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

159 159:000046 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 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 0.022 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 0 0.022 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 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 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 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 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 0.022 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 0.022 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.022 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 0 0 0.01 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 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 0 0 0 0 0 0 0 0.01 0 0 0 0 0 0 0 0 0 0 0 0 0.01 0 \*0.24 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 0.01 0 0 0 0 0 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 0.01 0 0.01 0 0 0 0 0 0 0.01 0 0.24 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 0.01 0 0 0 0.01 0 0 0 0 0 0.01 0.01 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 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 0.01 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 0.01 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 0.01 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 0 0.01 0 0 0 0 0 0 0.01 0 0.01 0 0.01 0 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 0 0.01 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 0 0 0 0 0 0.01 0 0 0 0.01 0 0 0 0 0 0 0 0.01

161 161:000047 19:0000051 + 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0.007

162 162:000047 112:000033 + 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 0.012 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 0.012 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 \*0.361 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 0 0 0 0 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 0.012 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 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 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 0.012 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 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 0.012 0 0 0 0 0 0 0 0 0 0.012 0 0 0 0 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 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 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 0.038 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 0.109 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.109 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 0.029 0 0 0 0 0 0 0 0 0 0 0 0.029 0

164 164:000048 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

165 165:000048 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 \*0.188 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 0 0 0.043 0.188 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 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

168 168:000049 168:000049 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 0.046 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 0.046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.397 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 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 0.046 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 0 0 0 0 0 0 0.046 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 0.046 0.046 0 0.046 0 0 0 0 0 0 0 0 0 0 0 0 0 0

169 169:000049 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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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

170 170:000049 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

172 172:000050 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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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

173 173:000050 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 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 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0.007

175 175:000051 81:0000216 + 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 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 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 0 0 0 0 0 0 0 0 0 0.006 \*0.294 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 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 0 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0.294 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 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 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 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 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 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 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

176 176:000051 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

178 178:000051 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 0.109 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 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 0.038 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 0.109 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.109 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 0.029 0 0 0 0 0 0 0 0 0 0 0 0.029 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 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 0.084 0.006 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 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 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 0 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0.084 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 0 0 0 0 0 0 0 0.084 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 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 0 0 0.006 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 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 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 0.006 0.006 0.084 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 0 0.006 0 0 0 0 0 0 0 0.006

180 180:000052 5:0000014 + 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 0.047 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 0.047 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 0.271 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 0 0 0 0 0 0 0.047 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 0 0 0 0.004 0 0 0 0 0 0 0.006 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0.004 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 0 0 0 0.004 0 0 0 0 0 0 0 0.006 0 0 0.006 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 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 0.004 0 0.004 0 0 0 0 0.004 0 0 0 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 0.004 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 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 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 0 0.004 0.004 0 0.006 0 0 0.006 0 0.006 0 0.004 0 0 0 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 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 0.006 0.004 0 0 0 0.004 0 0 0 0.004 0 0 0 0 0 0.006 0 0 0.004 0 0.006 0.004 0 0 0 0 0.004 0.004 0.006 0.006 0 0 0 0 0.006 0 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 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 0.017 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 0.017 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.392 0.017 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 0.017 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 0 0 0 0 0 0.017 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 0.017 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 0.007 0 0.007 0 0 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 0 0 0 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 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 0.029 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 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 0.032 0.029 0 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 0 0 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0.047 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 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 0.029 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 0.029 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 0.029 0 0 0 0 0 0.029 0 0 0 0.029 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 0.032 0

185 185:000053 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 0 0 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 0 0 0 0 0 0.006 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

187 187:000054 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

188 188:000054 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

189 189:000054 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

190 190:000055 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

191 191:000055 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

192 192:000056 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 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 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

194 194:000056 22:0000060 + 0 0 0 0 0 0 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 0.01 0 0 0 0 0 0.01 0 0.01 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0.01 0 0 0 0.01 0 0 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 0 0.01 0 0 0 0 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 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 0.01 0 0 0 0 0 0 0 0 0 0.01 0.01 0 0 0 0 0 0 0 0.01 0 0.01 0.01 0 0 0 0 0 0.116 0.01 0 0 0 0 0 0 0.01 0.01 0 0 0 0 0.01 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 0 0 0 0 0 0 0 0 0 0 0.01 0 0 0 0.01 0 0.01 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 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 0 0 0 0 0.01 0.01 0 0 0 0 0.01 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 0.01 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 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 0.01 0.01 0.01 0 0 0

195 195:000056 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

196 196:000056 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

197 197:000056 67:0000173 + 0 0 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 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 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 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 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 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 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 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0.101 0.101 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 0 0 0.008 0 0.008 0 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 0.008 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 0 0 0 0 0 0 0 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 0 0.008 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0 0 0 0 0 0.008 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 0.008 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 0 0.008 0.008 0.008 0 0 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 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 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 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 0.008 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 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 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 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0.101 0.101 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 0 0 0.008 0 0.008 0 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 0.008 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 0 0 0 0 0 0 0 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 0 0.008 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0 0 0 0 0 0.008 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 0.008 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 0 0.008 0.008 0.008 0 0 0

199 199:000057 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

200 200:000057 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

201 201:000058 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

202 202:000058 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 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 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

204 204:000059 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

206 206:000059 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

207 207:000059 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

208 208:000060 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

209 209:000060 35:0000097 + 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 \*0.105 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 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 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 0.012 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 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 0.012 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 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 0.012 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 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 \*0.565 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 0.043 0 0 0 0 0 0 0.043 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.043 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

211 211:000061 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

212 212:000061 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

213 213:000061 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 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 \*0.084 0 0 0 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.006 0.084 0.006 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 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 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 0 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0.084 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 0 0 0 0 0 0 0 0.084 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 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 0 0 0.006 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 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 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 0.006 0.006 0.084 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 0 0.006 0 0 0 0 0 0 0 0.006

215 215:000062 215:000062 0 0 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 0 0.011 0 0 0.011 0 0 0 0.011 0 0 0 0 0 0.011 0 0.011 0 0 0 0 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 0.011 0 0 0 0.011 0 0 0 0 0.011 0.011 0 0.011 0 0 0.011 0 0 0.011 0 0 0 0 0.011 0 0 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 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 0.011 0.011 0 0 0 0 0 0 0 0.011 0 0.011 0.011 0 0 0 0 0 0 0.011 0 0 0 0 0 0 0.011 0.011 0 0 0 0 0.011 0 0 0.011 0 0.011 0 \*0.323 0 0 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 0.011 0 0 0 0.011 0 0.011 0 0 0 0 0 0.011 0 0 0.011 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 0.011 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 0 0 0 0 0 0.011 0.011 0 0 0 0 0.011 0 0 0.011 0 0 0 0 0 0 0 0 0 0 0 0 0 0.011 0 0 0 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 0 0 0.011 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 0.011 0.011 0.011 0 0 0

216 216:000062 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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

217 217:000063 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 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 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 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 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 0.032 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 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 0.032 0 0.032 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 \*0.262 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 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 0.032 0 0 0 0 0 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 0.032 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 0.032 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 0.032 0 0 0 0 0 0 0 0 0 0.032 0 0 0 0 0 0 0 0 0 0 0

219 219:000063 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

221 221:000063 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

222 222:000064 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

223 223:000064 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

224 224:000064 5:0000014 + 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 0.047 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 0.047 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 0.271 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 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 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 0.017 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 0.017 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 0 0 0 0 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 0.392 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 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 0.017 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 0 0 0 0 0 0.017 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 0.017 0 0.017 0 0 0 0 0 0 0 0 0 0 0 0 0 0

226 226:000065 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

227 227:000065 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

228 228:000066 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

230 230:000066 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

231 231:000066 24:0000067 + 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.142 0 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 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 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 0.142 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 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 0 0 0 0 0 0.013 0 0.013 0 0 0 0 0 0 0 0.013 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 0.013 0 0 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.013 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 0.013 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 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 0.013 0 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 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 0.074 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 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 0 0 0.074 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 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 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 0.071 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

234 234:000067 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 0.084 0.006 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 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 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 0 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0.084 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 0 0 0 0 0 0 0 0.084 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 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 0 0 0.006 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 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 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 0.006 0.006 0.084 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 0 0.006 0 0 0 0 0 0 0 0.006

236 236:000067 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

237 237:000068 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

238 238:000068 34:0000095 + 0 0 0 0 0 0 0.013 0 0.013 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 0.013 \*0.112 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 0.013 0 0 0.013 0 0 0 0 0 0 0.013 0 0 0 0 0 0 0.112 0 0 0 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0.013 0 0 0.013 0 0 0 0 0 0 0.013 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 0 0.013 0.013 0 0 0 0.013 0.013 0 0 0 0.013 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 0 0 0 0.013 0 0 0 0.013 0 0 0 0 0 0.013 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 0.013 0 0.013 0 0.112 0 0.013 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 0.013 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 0.013 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 0.013 0 0 0 0 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 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 0 0 0 0 0.013 0 0 0 0 0 0 0.013 0 0 0 0.013 0 0 0 0 0 0 0 0.013

239 239:000068 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

241 241:000068 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 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 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 0 0 0 0 0 0 0 0 \*0.565 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 0.043 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

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 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 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 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 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 0 0 0 0 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 0.101 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0 0 0.021 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 0.101 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 0.101 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 0.021 0 0 0 0 0 0 0 0 0 0.021 0 0 0 0.101 0 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 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 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 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 0.008 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 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 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 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0.101 0.101 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 0 0 0.008 0 0.008 0 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 0.008 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 0 0 0 0 0 0 0 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 0 0.008 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0 0 0 0 0 0.008 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 0.008 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 0 0.008 0.008 0.008 0 0 0

245 245:000069 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 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 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 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 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 0.008 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 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 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 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0.101 0.101 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 0 0 0.008 0 0.008 0 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 0.008 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 0 0 0 0 0 0 0 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 0 0.008 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0 0 0 0 0 0.008 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 0.008 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 0 0.008 0.008 0.008 0 0 0

247 247:000070 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 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 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 \*0.188 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 0 0 0.043 0.188 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 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 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

251 251:000072 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 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 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 0.008 0 0 0 0 0.008 0.008 0 0.008 0 0 0.008 0 0 0.008 0 0 0 0 0.008 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 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 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 0.008 0 0.008 0.008 0 0 0 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 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 0.008 0 0.008 0 0 0 \*0.172 0 0.008 0 0 0.008 0 0 0 0.172 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 0.172 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 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 0.008 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 0 0.008 0.008 0.008 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 0.043 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 \*0.283 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 0.043 0 0 0 0.283 0 0 0.043 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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

253 253:000072 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

254 254:000072 41:0000109 + 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 0 0.006 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 0 0 0 0.006 0 0.006 0 0.006 0.147 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 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 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 0 0 0.006 0.006 0 0 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 0 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 0.006 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 0.006 0 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 0.147 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 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.147 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 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 0 0 0 0 0 0 0 0 0

256 256:000072 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

257 257:000073 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

258 258:000073 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

259 259:000073 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 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 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 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 0.008 0 0 0 0 0.008 0.008 0 0.008 0 0 0.008 0 0 0.008 0 0 0 0 0.008 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 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 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 0.008 0 0.008 0.008 0 0 0 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 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 0.008 0 0.008 0 0 0 \*0.172 0 0.008 0 0 0.008 0 0 0 0.172 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 0.172 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 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 0.008 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 0 0.008 0.008 0.008 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 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

262 262:000074 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 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 0.021 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 0 0 0 0 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 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 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 0.021 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 0.021 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 0.021 0 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 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 0 0.012 0 0 0 0 0 0.023 0 0.013 0 0 0.023 0 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 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 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 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 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

266 266:000075 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

267 267:000076 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

268 268:000076 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 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 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 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 0.038 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 0.109 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.109 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 0.029 0 0 0 0 0 0 0 0 0 0 0 0.029 0

270 270:000077 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

271 271:000077 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 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 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 0.071 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

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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 0 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 0 0 0 0 0.006 0 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 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 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 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 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 0 0.006 0.006 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 0.006 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 0 0 0.006 0 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 0.254 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 0 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 0.006 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 0.006 0.006 0.006 0 0 0 0.006 0 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 0.006 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 0.006 0 0 0 0 0 0.006 0.006 0.006 0 0 0

274 274:000078 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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

275 275:000078 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

277 277:000078 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

278 278:000078 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

279 279:000079 19:0000051 + 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0.007

280 280:000079 280:000079 0 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 0.01 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 0 0 0 0.01 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 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 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 0.01 0.01 0 0 0 0.01 0.01 0 0 0 0.01 0 0.01 0 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 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 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 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 0 0 0 0.01 0.01 0 0 0 \*0.24 0 0 0 0 0 0 0 0 0.24 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 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 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 0 0.01 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 0 0 0 0 0 0.01 0 0 0 0.01 0 0 0 0 0 0 0 0.01

281 281:000079 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

282 282:000079 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 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 0 0 0 0.006 0 0 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

284 284:000080 13:0000031 + 0.006 0 0 0 0 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 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 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 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 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 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 0 0.006 0.006 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 0.006 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 0 0 0.006 0 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 0 0 0 0.006 0 0.127 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 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 0 0 0 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 0.006 0.006 0.006 0 0 0 0.006 0 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 0.006 0 0 0.127 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 0 0 0.006 0.006 0.006 0 0 0

285 285:000080 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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

286 286:000080 35:0000097 + 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 \*0.105 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 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 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 0.012 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 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 0.012 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 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 0.012 0.012 0 0.012 0 0 0 0 0 0 0 0.105 0 0 0 0 0 0

287 287:000080 35:0000097 + 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 \*0.105 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 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 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 0.012 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 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 0.012 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 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 0.012 0.012 0 0.012 0 0 0 0 0 0 0 0.105 0 0 0 0 0 0

288 288:000081 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 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 0 0 0 0.01 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 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 0 0 0 0 0 0 0 0.01 0 0 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 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 0.01 0.01 0 0 0 0.01 0.01 0 0 0 0.01 0 0.01 0 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 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 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 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 0 0 0 0.01 0.01 0 0 0 \*0.24 0 0 0 0 0 0 0 0 0.24 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 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 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 0 0.01 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 0 0 0 0 0 0.01 0 0 0 0.01 0 0 0 0 0 0 0 0.01

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 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 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 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 0.021 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 0 0 0 0 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 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 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 0.021 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 0.021 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 0.021 0 0 0 0 0 0 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0

291 291:000081 19:0000051 + 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 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 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 0.029 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 \*0.829 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 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 0 0 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 0.007 0 0 0 0.007 0 0 0 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 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 0.007 0 0.007 0 0 0.007 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 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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

294 294:000082 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

295 295:000082 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

296 296:000082 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 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 0 0 0.006 0 0 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

298 298:000082 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 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 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 0.071 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 0 0 0.31 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 0 0 0 0.006 0 0 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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 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 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 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 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 0 0 0 0 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 0.101 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0 0 0.021 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 0.101 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 0.101 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 0.021 0 0 0 0 0 0 0 0 0 0.021 0 0 0 0.101 0 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 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 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 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 0 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

304 304:000083 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 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 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 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 0.008 0 0 0 0 0.008 0.008 0 0.008 0 0 0.008 0 0 0.008 0 0 0 0 0.008 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 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 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 0.008 0 0.008 0.008 0 0 0 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 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 0.008 0 0.008 0 0 0 \*0.172 0 0.008 0 0 0.008 0 0 0 0.172 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 0.172 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 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 0.008 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 0 0.008 0.008 0.008 0 0 0

306 306:000085 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 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 0.084 0.006 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 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 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 0 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0.084 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 0 0 0 0 0 0 0 0.084 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 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 0 0 0.006 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 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 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 0.006 0.006 0.084 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 0 0.006 0 0 0 0 0 0 0 0.006

307 307:000085 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

308 308:000085 8:0000019 + 0 0 0 0 0 0 0.006 \*0.035 0.006 0 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 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

309 309:000086 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

310 310:000086 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

311 311:000086 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

312 312:000087 41:0000109 + 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 0 0.006 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 0 0 0 0.006 0 0.006 0 0.006 0.147 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 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 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 0 0 0.006 0.006 0 0 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 0 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 0.006 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 0.006 0 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 0.147 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 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0.147 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 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 0 0 0 0 0 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

315 315:000088 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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

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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 0 0 0 0 0 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 0 0 0 0.006 0 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 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 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 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 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 0 0.006 0.006 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 0.006 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 0 0 0.006 0 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 0 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 0 0 0 0.006 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 0 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 0.006 0.006 0.006 0 0 0 0.006 0 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 0.006 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 0.006 0 0 0 0 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 0 0 0 0 0 0 0.011 0 0 0.011 0 0 0.011 0 0 0 0.011 0 0 0 0 0 0.011 0 0.011 0 0 0 0 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 0.011 0 0 0 0.011 0 0 0 0 0.011 0.011 0 0.011 0 0 0.011 0 0 0.011 0 0 0 0 0.011 0 0 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 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 0.011 0.011 0 0 0 0 0 0 0 0.011 0 0.011 0.011 0 0 0 0 0 0 0.011 0 0 0 0 0 0 0.011 0.011 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 0.011 0 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 0 0 0 0.011 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.011 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 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 0 0 0 0.011 0 0 0 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 0 0 0.011 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 0.011 0.011 0.011 0 0 0

320 320:000090 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

321 321:000090 13:0000031 + 0.006 0 0 0 0 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 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 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 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 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 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 0 0.006 0.006 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 0.006 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 0 0 0.006 0 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 0 0 0 0.006 0 0.127 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 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 0 0 0 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 0.006 0.006 0.006 0 0 0 0.006 0 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 0.006 0 0 0.127 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 0 0 0.006 0.006 0.006 0 0 0

322 322:000090 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

324 324:000091 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

325 325:000091 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 0 0 0 0 0 0 0 0 0

327 327:000092 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 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 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 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 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

329 329:000093 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 0 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 0 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 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 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 0.038 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 0.109 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.109 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 0.029 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 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 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 0.105 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 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 0.012 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 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 0.012 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 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 0.012 0.012 0 0.012 0 0 0 0 0 0 0 0.105 0 0 0 0 0 0

334 334:000095 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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

335 335:000095 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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

336 336:000095 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

337 337:000095 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 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 0.006 0 0 0 0.008 0 0 0 0.007 0.006 0 0 0.004 0 0.006 0 0.008 0 0 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 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 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 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 0 0 0 0 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 0.101 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0 0 0.021 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 0.101 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 0.101 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 0.021 0 0 0 0 0 0 0 0 0 0.021 0 0 0 0.101 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 0.006 0 0 0 0.008 0 0 0 0.007 0.006 0 0 0.004 0 0.006 0 0.008 0 0 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

341 341:000096 70:0000179 + 0 0 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 0.007 0 0 0 0.007 0 0 0 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 0 \*0.038 0 0 0 0.038 0.038 0 0 0.038 0 0 0 0.007 0 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 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 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 0.007 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 0 0 0 0 0.007 0 0.007 0.007 0 0 0 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 0 0 0 0 0 0.038 0 0 0.007 0 0.007 0.038 0 0 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 0.007 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 0.007 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 0.007 0.007 0 0 0 0 0.007 0 0 0.007 0 0 0 0 0.038 0 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 0 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 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

342 342:000096 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

344 344:000097 19:0000051 + 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.007 0 0 0 \*0.063 0 0 0 0 0 0 0 0.007 0 0 0.063 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 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0.007 0 0 0 0 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 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 0.007 0.007 0 0 0 0.007 0.007 0.063 0 0 0.007 0 0.007 0 0 0 0 0.063 0 0.007 0 0 0.063 0 0 0 0 0 0 0 0 0 0.007 0 0 0.063 0 0 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 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 0.007 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 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 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 0.007 0 0 0 0.007 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 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 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0.007

345 345:000097 25:0000068 + 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 \*0.037 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 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 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 0 0 0 0 0.006 0 0.037 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 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 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 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 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 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 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 0.037 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 0.006 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 0.006 0 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0 0 0.006

346 346:000097 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

347 347:000097 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 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 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 0 0.012 0 0 0 0 0 0.023 0 0.013 0 0 0.023 0 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

349 349:000099 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 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 0.043 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 0.043 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 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 0 0 0.043 0 0 0 0 0 0 0 0 0 0

352 352:000101 119:000035 + 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0.071 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 0 0 0 0 0 0 0 0 0 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 0.071 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 0.071 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

353 353:000101 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 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 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 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 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 0 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

355 355:000101 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

356 356:000101 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 0.043 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 0.043 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 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 0.043 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 0 0 0 0 0.071 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

359 359:000103 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

360 360:000103 20:0000052 + 0 0 0 0 0 0 0.006 0 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 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 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 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 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 0 0 0.006 0.006 0 0 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 0 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 0.006 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 0.006 0 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 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 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 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 0.006 0 0 0 0.006 0 0 0 0 0 0.294 0 0 0.006 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 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 0.006

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 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 0 0.008 0 0.008 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 0 0.057 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 0.008 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 0 0 0 0 0 0 0.057 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 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 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 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 0.008 0 0.008 0 0 0 0 0 0.008 0 0 0.008 0 0 0 0 0 0.008 0 0 0 0 0 0 0 0 0 0 0 0.057 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 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 0.008 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 0.057 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 0.008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

362 362:000103 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

363 363:000104 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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

364 364:000105 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 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 0 0 0 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

366 366:000105 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

367 367:000105 14:0000032 + 0 0 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 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 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 0.037 0.037 0.008 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 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 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 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 0 0.008 0 0.008 0.008 0 0 0 0 0 0 0.008 0 0 0 0 0 0 0.008 0.008 0 0 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 0.008 0 0 0 0.008 0 0.008 0 0 0 0 0 0.008 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 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 0 0 0 0.037 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 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 0.037 0 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 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

368 368:000105 24:0000067 + 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 \*0.142 0 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 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 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 0.142 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 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 0 0 0 0 0 0.013 0 0.013 0 0 0 0 0 0 0 0.013 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 0.013 0 0 0.013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.013 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 0.013 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 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 0.013 0 0 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 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 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 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 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 0.029 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0.029 0

371 371:000107 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

372 372:000107 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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

373 373:000107 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 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 0.084 0.006 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 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 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 0 0 0.006 0.006 0 0 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 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0.084 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 0 0 0 0 0 0 0 0.084 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 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 0 0 0.006 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 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 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 0.006 0.006 0.084 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 0 0.006 0 0 0 0 0 0 0 0.006

374 374:000107 374:000107 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 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 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 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 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.006 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 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 0 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 0.006 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 0.006 0 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 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 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 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 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 0.006 0.006 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 0.006

375 375:000107 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

376 376:000108 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 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 0.029 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 0.029 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 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 0.029 0 0 0 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 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 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 0.043 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 0.043 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 0 0 0 0 0 0 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 0.043 0 0 0 0 0 0 0 0 0 0

378 378:000109 13:0000031 + 0.006 0 0 0 0 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 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 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 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 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 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 0 0.006 0.006 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 0.006 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 0 0 0.006 0 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 0 0 0 0.006 0 0.127 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 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 0 0 0 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 0.006 0.006 0.006 0 0 0 0.006 0 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 0.006 0 0 0.127 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 0 0 0.006 0.006 0.006 0 0 0

379 379:000109 64:0000163 + 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 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 0 0 0 0 0.006 0 0.006 0 0.006 0 0 0.006 0 \*0.294 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 0.006 0 0 0.006 0 0 0 0 0 0 0.006 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0.006 0.006 0 0 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 0 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 0.006 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 0.006 0 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 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 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 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 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 0.006 0.006 0 0 0 0 0 0 0.294 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 0.006

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 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 0.029 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 0.029 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 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 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 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 0.043 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 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 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 \*0.188 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 0 0 0.043 0.188 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 0.043 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 0 0 0 0 0 0 0 0 0 0 0 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

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 \*0.31 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 0.071 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 0 0 0.31 0 0 0 0 0 0 0 0 0

384 384:000111 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

385 385:000111 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

386 386:000112 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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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

387 387:000112 40:0000107 + 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 0 0.006 0 0 0 0 0 0.006 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 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 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 0 0 0 0.045 0 0 0 0 0 0.006 0 0.006 0 0 0 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 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 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0 0.045 0 0 0.006 0.006 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 0.006 0 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 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 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 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 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 0 0.006

388 388:000112 388:000112 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 0 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 0 0 0 0

389 389:000112 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 0 0 0 0

390 390:000114 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 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 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 0 0 0 0.007 0 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 0 0 0.007 0 0 0 0.007 0 0 0 0 0 0 0.007 0 0 0 0 0 0 0 0 0.007 0 0.007 0 0 0 0 0 0.056 0 0 0.056 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 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 0 0 0.007 0 0.007 0.007 0 0 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 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 0.007 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 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 0 0 0 0.007 0 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 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 0 0.007 0.056 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

391 391:000114 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 0.029 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 0.029 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 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

393 393:000115 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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

394 394:000115 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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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 0 0 0 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

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 0 0 0.004 0 0.012 0 0 0 0 0.006 0.006 0 0 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 0.004 0.006 0 0 0 0 0 0 0 0 0 0 0 0.004 0 0 0.004 0 0 0 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 0.013 0.006 0 0 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 0.004 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 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 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 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 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 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 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 0.004 0 0 0 0.004 0 0 0 0 0 0.006 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 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

397 397:000116 18:0000046 + 0 0.029 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0.029 0 \*0.074 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 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 0 0 0 0 0.029 0 0 0 0 0.024 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 0.024 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.036 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0.024 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 0.074 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 0.029 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 0.029 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 0.029 0 0 0 0 0 0.029 0 0 0 0.029 0 0 0 0 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 0.024 0

398 398:000116 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

399 399:000116 65:0000165 + 0.023 0 0.006 0 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 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 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 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 0.023 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 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 0.022 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 0.023 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 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 0 0 0 0.021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0.023 0 0 0.023 0 0 0 0 0 0.006 0 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 0.021 0 0 0 0 0 0 0.023 0 0 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 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 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 0 0.023 0 0 0 0 0 0 0 0 0 0.023 0 0 0 0.021 0 0 0 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 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 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 0.043 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 0 0 0 0 0 0 0 0 0 0 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 0.043 0.043 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 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 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 0 0 0.043 0 0 0 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 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 0.071 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 0 0 0.31 0 0 0 0 0 0 0 0 0

402 402:000117 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

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 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 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 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 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 0 0 0 0 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 0.101 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.021 0 0 0.021 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 0.101 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 0.101 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 0.021 0 0 0 0 0 0 0 0 0 0.021 0 0 0 0.101 0 0 0 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 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 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 0.105 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 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 0.012 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 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 0.012 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 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 0.012 0.012 0 0.012 0 0 0 0 0 0 0 0.105 0 0 0 0 0 0

405 405:000118 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 0 0

406 406:000118 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 0.008 0.008 0 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 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 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 0.007 0.008 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 0 0 0.008 0 0.008 0 0 0.007 0 0 0.007 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 0.01 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 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 0.008 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 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 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 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 0.008 0.007 0 0 0 0.007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.008 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 0 0 0 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0 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 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 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 0 0 0 0 0.006 0 0.006 0 0.035 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 0 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 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 0.035 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 0 0 0 0.035 0 0 0 0 0 0 0 0 0 0 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0.035 0 0 0 0.006 0 0 0 0 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 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 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 0.006 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 0.006 0.035 0.006 0 0.006 0 0 0 0.006 0 0 0 0 0 0.035 0 0.006

409 409:000119 5:0000014 + 0 0.029 0 0 \*0.047 0.029 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 0.029 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 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 0.032 0.029 0 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 0 0 0 0 0 0.029 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.029 0 0.047 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 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 0.029 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 0.029 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 0.029 0 0 0 0 0 0.029 0 0 0 0.029 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 0.032 0

410 410:000119 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 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 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 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 0 0 0.008 0 0 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 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 0.008 0 0.004 0 0 0.007 0 0.008 0 0.01 0.007 0 0 0 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 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 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 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 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 0.01 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 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 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 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

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 67 16.3415 %

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 0 0 0.968 0000000

1 0.007 0.25 1 0.4 0.996 0000003

1 0.002 0.5 1 0.667 0.999 0000008

1 0.002 0.5 1 0.667 0.999 0000011

1 0.012 0.167 1 0.286 0.998 0000014

1 0.015 0.143 1 0.25 0.993 0000017

0 0 0 0 0 0.922 0000018

1 0.039 0.059 1 0.111 0.98 0000019

0 0 0 0 0 0.922 0000020

1 0.022 0.1 1 0.182 0.989 0000021

1 0.015 0.143 1 0.25 0.993 0000023

1 0 1 1 1 1 0000030

1 0.007 0.25 1 0.4 0.996 0000031

1 0.032 0.071 1 0.133 0.984 0000032

0 0 0 0 0 0.922 0000043

1 0.002 0.5 1 0.667 0.999 0000044

1 0.01 0.2 1 0.333 0.995 0000045

1 0.007 0.25 1 0.4 0.999 0000046

1 0.022 0.1 1 0.182 0.989 0000051

1 0.002 0.5 1 0.667 0.999 0000052

0 0 0 0 0 0.984 0000055

1 0.005 0.333 1 0.5 0.998 0000060

0 0 0 0 0 0.973 0000065

1 0.01 0.2 1 0.333 0.995 0000067

1 0.037 0.063 1 0.118 0.982 0000068

0 0 0 0 0 0.866 0000071

0 0 0 0 0 0.922 0000074

1 0.02 0.111 1 0.2 0.99 0000081

0 0 0 0 0 0.866 0000082

0 0 0 0 0 0.989 0000083

0 0 0 0 0 0.993 0000084

0 0 0 0 0 0.866 0000087

0 0 0 0 0 0.922 0000094

1 0.13 0.019 1 0.036 0.998 0000095

1 0.017 0.125 1 0.222 0.991 0000097

0 0 0 0 0 0.866 0000098

1 0.002 0.5 1 0.667 0.999 0000101

1 0.027 0.083 1 0.154 0.999 0000103

1 0.002 0.5 1 0.667 0.999 0000106

1 0.029 0.077 1 0.143 0.985 0000107

1 0.007 0.25 1 0.4 0.996 0000109

0 0 0 0 0 0.866 0000110

0 0 0 0 0 0.968 0000111

0 0 0 0 0 0.866 0000112

0 0 0 0 0 0.995 0000115

1 0.005 0.333 1 0.5 0.998 0000116

0 0 0 0 0 0.996 0000119

0 0 0 0 0 0.968 0000125

0 0 0 0 0 0.98 0000126

0 0 0 0 0 0.987 0000127

0 0 0 0 0 0.866 0000132

0 0 0 0 0 0.993 0000133

0 0 0 0 0 0.866 0000134

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 0 0 0 0.922 0000144

1 0.005 0.333 1 0.5 0.998 0000147

0 0 0 0 0 0.922 0000148

0 0 0 0 0 0.996 0000150

0 0 0 0 0 0.99 0000158

0 0 0 0 0 0.922 0000160

1 0 1 1 1 1 0000161

1 0.002 0.5 1 0.667 0.999 0000163

1 0.056 0.042 1 0.08 1 0000165

0 0 0 0 0 0.866 0000170

1 0.01 0.2 1 0.333 0.995 0000173

0 0 0 0 0 0.968 0000176

0 0 0 0 0 0.922 0000177

1 0.034 0.067 1 0.125 0.983 0000179

0 0 0 0 0 0.98 0000180

1 0 1 1 1 1 0000181

0 0 0 0 0 0.957 0000184

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 0.989 0000197

0 0 0 0 0 0.983 0000203

0 0 0 0 0 0.99 0000205

0 0 0 0 0 0.922 0000212

1 0.002 0.5 1 0.667 0.999 0000216

0 0 0 0 0 0.866 0000217

1 0.01 0.2 1 0.333 0.995 0000224

0 0 0 0 0 0.984 0000225

0 0 0 0 0 0.984 0000231

0 0 0 0 0 0.866 0000234

0 0 0 0 0 0.999 0000244

1 0 1 1 1 1 0000246

0 0 0 0 0 0.957 0000249

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 0 0 0 0.866 0000266

1 0.002 0.5 1 0.667 0.999 0000278

0 0 0 0 0 0.922 0000287

0 0 0 0 0 0.866 0000292

0 0 0 0 0 0.996 0000293

1 0.005 0.333 1 0.5 0.999 0000295

0 0 0 0 0 0.866 0000299

0 0 0 0 0 0.984 0000300

1 0.002 0.5 1 0.667 0.999 0000306

0 0 0 0 0 0.922 0000311

0 0 0 0 0 0.984 0000316

0 0 0 0 0 0.866 0000319

1 0 1 1 1 1 0000322

0 0 0 0 0 0.996 0000326

0 0 0 0 0 0.968 0000328

0 0 0 0 0 0.866 0000329

0 0 0 0 0 0.999 0000333

0 0 0 0 0 0.982 0000334

1 0.002 0.5 1 0.667 0.999 0000335

0 0 0 0 0 0.998 0000336

0 0 0 0 0 0.985 0000338

0 0 0 0 0 0.983 0000339

0 0 0 0 0 0.866 0000340

0 0 0 0 0 0.991 0000346

0 0 0 0 0 0.982 0000351

1 0.007 0.25 1 0.4 0.998 0000353

1 0.002 0.5 1 0.667 0.999 0000354

0 0 0 0 0 0.968 0000355

0 0 0 0 0 0.922 0000358

0 0 0 0 0 0.982 0000360

0 0 0 0 0 0.98 0000361

0 0 0 0 0 0.866 0000364

0 0 0 0 0 0.995 0000365

0 0 0 0 0 0.866 0000369

0 0 0 0 0 0.973 0000370

0 0 0 0 0 0.985 0000374

0 0 0 0 0 0.998 0000375

0 0 0 0 0 0.983 0000377

0 0 0 0 0 0.98 0000378

0 0 0 0 0 0.989 0000380

0 0 0 0 0 0.999 0000381

0 0 0 0 0 0.98 0000383

0 0 0 0 0 0.989 0000390

0 0 0 0 0 0.99 0000393

0 0 0 0 0 0.995 0000394

0 0 0 0 0 0.922 0000397

0 0 0 0 0 0.922 0000399

0 0 0 0 0 0.866 0000402

0 0 0 0 0 0.982 0000403

0 0 0 0 0 0.98 0000407

0 0 0 0 0 0.922 0000413

0 0 0 0 0 0.922 0000417

0 0 0 0 0 0.989 0000421

0 0 0 0 0 0.982 0000423

0 0 0 0 0 0.985 0000430

0 0 0 0 0 0.922 0000435

0 0 0 0 0 0.866 0000436

0 0 0 0 0 0.922 0000438

1 0.002 0.5 1 0.667 0.999 0000440

0 0 0 0 0 0.973 0000441

0 0 0 0 0 0.995 0000446

0 0 0 0 0 0.995 0000447

0 0 0 0 0 0.989 0000448

0 0 0 0 0 0.991 0000450

0 0 0 0 0 0.922 0000451

0 0 0 0 0 0.998 0000461

0 0 0 0 0 0.999 0000466

0 0 0 0 0 0.989 0000470

0 0 0 0 0 0.999 0000474

0 0 0 0 0 0.993 0000475

0 0 0 0 0 0.984 0000481

0 0 0 0 0 0.968 0000484

0 0 0 0 0 0.866 0000488

1 0.005 0.333 1 0.5 0.998 0000491

1 0.032 0.071 1 0.133 1 0000493

0 0 0 0 0 0.989 0000496

0 0 0 0 0 0.98 0000499

0 0 0 0 0 0.922 0000500

0 0 0 0 0 0.989 0000502

0 0 0 0 0 0.982 0000503

0 0 0 0 0 0.989 0000510

0 0 0 0 0 0.999 0000512

0 0 0 0 0 0.866 0000513

0 0 0 0 0 0.866 0000517

0 0 0 0 0 0.993 0000519

0 0 0 0 0 0.993 0000521

0 0 0 0 0 0.998 0000524

0 0 0 0 0 0.999 0000527

0 0 0 0 0 0.999 0000528

0 0 0 0 0 0.989 0000531

0 0 0 0 0 0.989 0000532

0 0 0 0 0 0.866 0000539

0 0 0 0 0 0.973 0000541

0 0 0 0 0 0.866 0000542

0 0 0 0 0 0.866 0000545

0 0 0 0 0 0.922 0000549

0 0 0 0 0 0.968 0000556

0 0 0 0 0 0.98 0000558

0 0 0 0 0 0.968 0000561

0 0 0 0 0 0.922 0000563

0 0 0 0 0 0.998 0000565

0 0 0 0 0 0.866 0000566

0 0 0 0 0 0.985 0000568

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 0 0.866 0000615

0 0 0 0 0 0.993 0000617

1 0.154 0.016 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

0 0 0 0 0 0.866 0000694

0 0 0 0 0 0.995 0000697

0 0 0 0 0 0.866 0000704

0 0 0 0 0 0.957 0000710

0 0 0 0 0 0.998 0000712

0 0 0 0 0 0.922 0000714

1 0.005 0.333 1 0.5 0.998 0000720

0 0 0 0 0 0.999 0000722

0 0 0 0 0 0.866 0000726

0 0 0 0 0 0.996 0000727

0 0 0 0 0 0.957 0000728

0 0 0 0 0 0.866 0000729

0 0 0 0 0 0.985 0000731

0 0 0 0 0 0.983 0000735

0 0 0 0 0 0.98 0000736

0 0 0 0 0 0.998 0000740

1 0 1 1 1 1 0000741

0 0 0 0 0 0.866 0000745

1 0.002 0.5 1 0.667 0.999 0000748

0 0 0 0 0 0.968 0000750

0 0 0 0 0 0.983 0000752

0 0 0 0 0 0.984 0000757

0 0 0 0 0 0.968 0000761

0 0 0 0 0 0.984 0000764

0 0 0 0 0 0.993 0000765

0 0 0 0 0 0.922 0000770

0 0 0 0 0 0.995 0000772

0 0 0 0 0 0.957 0000776

0 0 0 0 0 0.999 0000777

0 0 0 0 0 0.99 0000780

0 0 0 0 0 0.922 0000781

0 0 0 0 0 0.922 0000783

0 0 0 0 0 0.984 0000788

0 0 0 0 0 0.985 0000789

0 0 0 0 0 0.989 0000790

1 0.002 0.5 1 0.667 0.999 0000793

0 0 0 0 0 0.98 0000794

0 0 0 0 0 0.866 0000798

0 0 0 0 0 0.982 0000799

0 0 0 0 0 0.996 0000800

0 0 0 0 0 0.973 0000801

0 0 0 0 0 0.991 0000802

0 0 0 0 0 0.991 0000808

0 0 0 0 0 0.968 0000812

0 0 0 0 0 0.999 0000813

0 0 0 0 0 0.999 0000815

0 0 0 0 0 0.989 0000817

1 0 1 1 1 1 0000818

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 0.982 0000827

1 0.005 0.333 1 0.5 0.998 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 0.996 0000870

0 0 0 0 0 0.957 0000874

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 0.984 0000928

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

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 0001005

0 0 0 0 0 1 0001011

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 1 0001020

1 0 1 1 1 1 0001021

0 0 0 0 0 0.866 0001032

0 0 0 0 0 0.999 0001033

0 0 0 0 0 0.99 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 0.98 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 1 0001074

0 0 0 0 0 0.866 0001075

0 0 0 0 0 0.999 0001083

1 0 1 1 1 1 0001086

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 1 0001099

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 0001128

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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | a = 0000000

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | b = 0000003

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | c = 0000008

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | d = 0000011

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | e = 0000014

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | f = 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000018

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | h = 0000019

0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | i = 0000020

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | j = 0000021

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0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | on = 0001180

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | oo = 0001183

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | op = 0001187

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | oq = 0001189

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | or = 0001190

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | os = 0001193

0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ot = 0001195

=== 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 0.006 0 0 0 0.006 0.006 0 0 0.006 0 0.006 0 0.006 0 0 0.006 0 0 0.006 0.006 0.006 0 0 0 0 0.006 0.006 0 0 0 0 0 0 0 0.006 0 0 0 0 0 0.006 0.006 0.006 0 0.006 0.006 0 0.006 0 0.006 0 0 0 0 0.006 0 0.006 0 0 0 0 0.006 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 0 0 0 0.006 0 0 0 0 0 0 0 0.006 0 0 0.006 0 0 0.006 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 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 0.006 0.006 0.006 0 0 0.006 0.006 0.006 0 0.006 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 0.006 0.006 0 0 0.006 0 0 0.006 0 0.006 0 0.006 0 0 0.006 0 0 0.006 0.006 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0.006 0 0.006 0 0 0 0 0 0.006 0.006 0.006 0 0 0.006 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 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 0.006 0 0 0 0 0.006 0.006 0 0.006 0.006 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 0.006 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 0.006 0 0 0 0.006 0.006 0 0 0.006 0.006 0 0.006 0 0.006 0 0.006 0 0.006 0 0.006 0.006 0.006 0 0 0 0.006 0 0 0 0.006 0 0 0 0 0 0.006 0 0 0.006 0 0.006 0.006 0 0 0 0 0.006 0.006 0.006 0.006 0 0 0 0 0.006 0 0 0 0 0.006 0 0 0.006 0 0 0 0.006 0 0.006 0.006 0.006 0.006 0 0.006 0 0 0 0.006 0 0.006 0 0 0 0.006 0 0.006

=== 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 ? 0000000

0 0 0 0 0 ? 0000003

0 0 0 0 0 ? 0000008

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 ? 0000097

0 0 0 0 0 ? 0000098

0 0 0 0 0 ? 0000101

0 0 0 0 0 ? 0000103

0 0 0 0 0 ? 0000106

0 0 0 0 0 ? 0000107

0 0 0 0 0 ? 0000109

0 0 0 0 0 ? 0000110

0 0 0 0 0 ? 0000111

0 0 0 0 0 ? 0000112

0 0 0 0 0 ? 0000115

0 0 0 0 0 ? 0000116

0 0 0 0 0 ? 0000119

0 0 0 0 0 ? 0000125

0 0 0 0 0 ? 0000126

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0 0 0 0 0 ? 0000170

0 0 0 0 0 ? 0000173

0 0 0 0 0 ? 0000176

0 0 0 0 0 ? 0000177

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0 0 0 0 0 ? 0000189

0 0 0 0 0 ? 0000191

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0 0 0 0 0 ? 0000197

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0 0 0 0 0 ? 0000205

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0 0 0 0 0 ? 0000244

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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

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0 0 0 0 0 ? 0000729

0 0 0 0 0 ? 0000731

0 0 0 0 0 ? 0000735

0 0 0 0 0 ? 0000736

0 0 0 0 0 ? 0000740

0 0 0 0 0 ? 0000741

0 0 0 0 0 ? 0000745

0 0 0 0 0 ? 0000748

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 0 0 0 0 ? 0000772

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0 0 0 0 0 ? 0000970

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0 0 0 0 0 ? 0000979

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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 ? 0001195

Weighted Avg. NaN 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

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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | or = 0001190

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | os = 0001193

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ot = 0001195

1. 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 0 \*0.5 0 0.5 0 0

5 5:0000217 5:0000217 0 0 0 0 \*1 0 0 0

6 6:0000227 4:0000181 + 0 0 0 \*0.5 0 0.5 0 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 0 0 0 \*1

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 6 75 %

Incorrectly Classified Instances 2 25 %

Kappa statistic 0.7143

Mean absolute error 0.0625

Root mean squared error 0.1768

Relative absolute error 28.5714 %

Root relative squared error 53.4522 %

Total Number of Instances 8

=== Detailed Accuracy By Class ===

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

1 0 1 1 1 1 0000024

1 0 1 1 1 1 0000033

1 0.143 0.5 1 0.667 0.929 0000144

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 1 1 1 0000374

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 | 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 0 1 0 0 0 | e = 0000217

0 0 0 1 0 0 0 0 | f = 0000227

0 0 1 0 0 0 0 0 | g = 0000262

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

1 ? 4:0000181 + 0 0 0 \*0.5 0 0.5 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 ? 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 ===

a b c d e f g h <-- classified as

0 0 0 0 0 0 0 0 | a = 0000024

0 0 0 0 0 0 0 0 | b = 0000033

0 0 0 0 0 0 0 0 | c = 0000144

0 0 0 0 0 0 0 0 | d = 0000181

0 0 0 0 0 0 0 0 | e = 0000217

0 0 0 0 0 0 0 0 | f = 0000227

0 0 0 0 0 0 0 0 | g = 0000262

0 0 0 0 0 0 0 0 | h = 0000374

1. 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 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 0.033 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

2 2:0000017 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 0.033 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

3 3:0000018 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 0.071 0 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 0

4 4:0000026 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 0.033 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

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 0.033 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

6 6:0000039 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 0.071 0 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 0

7 7:0000048 7:0000048 0 0 0 0 0 0 \*0.125 0 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 0 0 0 0.125 0 0.125 0.125 0 0 0 0 0 0.125 0 0 0 0 0 0 0 0 0 0.125 0 0

8 8:0000081 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 0.033 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

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 0.071 0 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 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 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 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

12 12:0000116 7:0000048 + 0 0 0 0 0 0 \*0.125 0 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 0 0 0 0.125 0 0.125 0.125 0 0 0 0 0 0.125 0 0 0 0 0 0 0 0 0 0.125 0 0

13 13:0000117 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 0.033 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

14 14:0000118 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 0.033 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

15 15:0000121 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 0.071 0 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 0

16 16:0000126 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 0.033 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

17 17:0000127 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 0.033 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

18 18:0000133 7:0000048 + 0 0 0 0 0 0 \*0.125 0 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 0 0 0 0.125 0 0.125 0.125 0 0 0 0 0 0.125 0 0 0 0 0 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 0 0.071 0 0 0 0.071 0 0 0 0 0 0 0 0 0.071 0 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 0

20 20:0000142 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 0.033 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

21 21:0000147 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 0.033 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

22 22:0000169 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 0.033 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

23 23:0000172 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 0.033 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

24 24:0000173 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 0.033 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

25 25:0000176 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 0.033 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

26 26:0000180 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 0.033 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

27 27:0000190 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 0.033 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

28 28:0000193 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 0.071 0 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 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 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 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 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

31 31:0000211 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 0.033 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

32 32:0000218 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 0.071 0 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 0

33 33:0000227 33:0000227 0 0 0 0 0 0 0 0 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

34 34:0000232 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 0.033 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

35 35:0000235 7:0000048 + 0 0 0 0 0 0 \*0.125 0 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 0 0 0 0.125 0 0.125 0.125 0 0 0 0 0 0.125 0 0 0 0 0 0 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 0 0 0 0.071 0 0 0 0.071 0 0 0 0 0 0 0 0 0.071 0 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 0

37 37:0000242 7:0000048 + 0 0 0 0 0 0 \*0.125 0 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 0 0 0 0.125 0 0.125 0.125 0 0 0 0 0 0.125 0 0 0 0 0 0 0 0 0 0.125 0 0

38 38:0000243 7:0000048 + 0 0 0 0 0 0 \*0.125 0 0 0 0 0.125 0 0 0 0 0 0.125 0 0 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 0 0 0 0 0 0.125 0 0

39 39:0000247 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 0.033 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

40 40:0000256 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 0.033 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

41 41:0000283 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 0.033 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

42 42:0000285 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 0.033 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

43 43:0000298 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 0.071 0 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 0

44 44:0000307 7:0000048 + 0 0 0 0 0 0 \*0.125 0 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 0 0 0 0.125 0 0.125 0.125 0 0 0 0 0 0.125 0 0 0 0 0 0 0 0 0 0.125 0 0

45 45:0000311 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 0.071 0 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 0

46 46:0000315 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 0.033 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 0.071 0 0 0 0.071 0 0 0 0 0 0 0 0 0.071 0 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 0

48 48:0000331 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 0.033 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

49 49:0000333 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 0.071 0 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 0

50 50:0000339 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 0.071 0 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 0

51 51:0000355 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 0.033 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

52 52:0000359 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 0.071 0 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 0

53 53:0000367 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 0.033 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

54 54:0000374 7:0000048 + 0 0 0 0 0 0 \*0.125 0 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 0 0 0 0.125 0 0.125 0.125 0 0 0 0 0 0.125 0 0 0 0 0 0 0 0 0 0.125 0 0

55 55:0000376 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 0.033 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

56 56:0000383 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 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 0 0 0 0 0 0.5

=== Evaluation on training set ===

=== Summary ===

Correctly Classified Instances 6 10.7143 %

Incorrectly Classified Instances 50 89.2857 %

Kappa statistic 0.0909

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

=== Detailed Accuracy By Class ===

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

1 0.527 0.033 1 0.065 0.736 0000004

0 0 0 0 0 0.736 0000017

1 0.236 0.071 1 0.133 0.882 0000018

0 0 0 0 0 0.736 0000026

0 0 0 0 0 0.736 0000027

0 0 0 0 0 0.882 0000039

1 0.127 0.125 1 0.222 0.936 0000048

0 0 0 0 0 0.736 0000081

0 0 0 0 0 0.882 0000087

1 0 1 1 1 1 0000104

0 0 0 0 0 0.736 0000106

0 0 0 0 0 0.936 0000116

0 0 0 0 0 0.736 0000117

0 0 0 0 0 0.736 0000118

0 0 0 0 0 0.882 0000121

0 0 0 0 0 0.736 0000126

0 0 0 0 0 0.736 0000127

0 0 0 0 0 0.936 0000133

0 0 0 0 0 0.882 0000136

0 0 0 0 0 0.736 0000142

0 0 0 0 0 0.736 0000147

0 0 0 0 0 0.736 0000169

0 0 0 0 0 0.736 0000172

0 0 0 0 0 0.736 0000173

0 0 0 0 0 0.736 0000176

0 0 0 0 0 0.736 0000180

0 0 0 0 0 0.736 0000190

0 0 0 0 0 0.882 0000193

1 0.018 0.5 1 0.667 0.991 0000197

0 0 0 0 0 0.736 0000200

0 0 0 0 0 0.736 0000211

0 0 0 0 0 0.882 0000218

1 0 1 1 1 1 0000227

0 0 0 0 0 0.736 0000232

0 0 0 0 0 0.936 0000235

0 0 0 0 0 0.882 0000240

0 0 0 0 0 0.936 0000242

0 0 0 0 0 0.936 0000243

0 0 0 0 0 0.736 0000247

0 0 0 0 0 0.736 0000256

0 0 0 0 0 0.736 0000283

0 0 0 0 0 0.736 0000285

0 0 0 0 0 0.882 0000298

0 0 0 0 0 0.936 0000307

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

Weighted Avg. 0.107 0.016 0.049 0.107 0.055 0.82

=== 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

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 | a = 0000004

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 | b = 0000017

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 | c = 0000018

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 | d = 0000026

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 | e = 0000027

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 | f = 0000039

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 | g = 0000048

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 | h = 0000081

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 | i = 0000087

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 | j = 0000104

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 | k = 0000106

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 | l = 0000116

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 | m = 0000117

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 | n = 0000118

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 | o = 0000121

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 | p = 0000126

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 | q = 0000127

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 | r = 0000133

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 | s = 0000136

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 | t = 0000142

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 | u = 0000147

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 | v = 0000169

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 | w = 0000172

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 | x = 0000173

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 | y = 0000176

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 | z = 0000180

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 | aa = 0000190

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 | ab = 0000193

0 0 0 0 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 | ac = 0000197

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 | ad = 0000200

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 | ae = 0000211

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 | af = 0000218

0 0 0 0 0 0 0 0 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 | ag = 0000227

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 | ah = 0000232

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 | ai = 0000235

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 | aj = 0000240

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 | ak = 0000242

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 | al = 0000243

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 | am = 0000247

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 | an = 0000256

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 | ao = 0000283

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 | ap = 0000285

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 | aq = 0000298

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 | ar = 0000307

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 | as = 0000311

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 | at = 0000315

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 | au = 0000320

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 | av = 0000331

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 | aw = 0000333

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 | ax = 0000339

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 | ay = 0000355

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 | az = 0000359

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 | ba = 0000367

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 | bb = 0000374

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 | bc = 0000376

0 0 0 0 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 | bd = 0000383

=== 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 0.033 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

=== 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 ? 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000048

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000118

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000121

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 = 0000126

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | x = 0000173

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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/q6/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 $line = $\_;

my ($i, $j) = split(/\t/, $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"';

$atmosphere =~ s/[\#@~!&\*()\[\];.:?^`\\\/]+//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"';

$occasion =~ s/[\#@~!&\*()\[\];.:?^`\\\/]+//g;

#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"';

$style =~ s/[\#@~!&\*()\[\];.:?^`\\\/]+//g;

#printf $out $style;

my $dir = 'C:/Users/yhan/Documents/CS773/q7/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 $city = (split '\/', $fp)[-1];

$city = substr($city, 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);

$resf =~ 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";

}

}