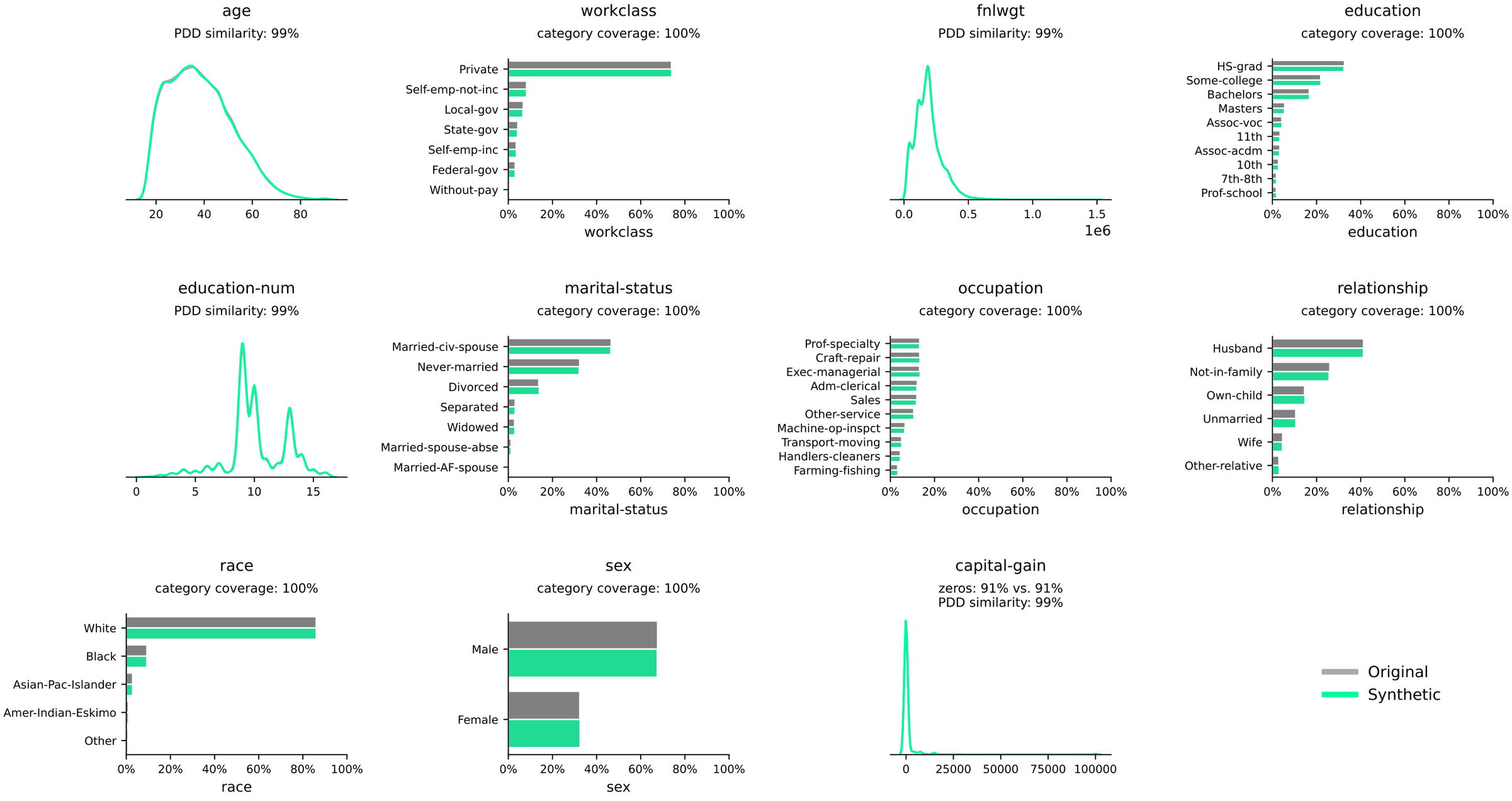
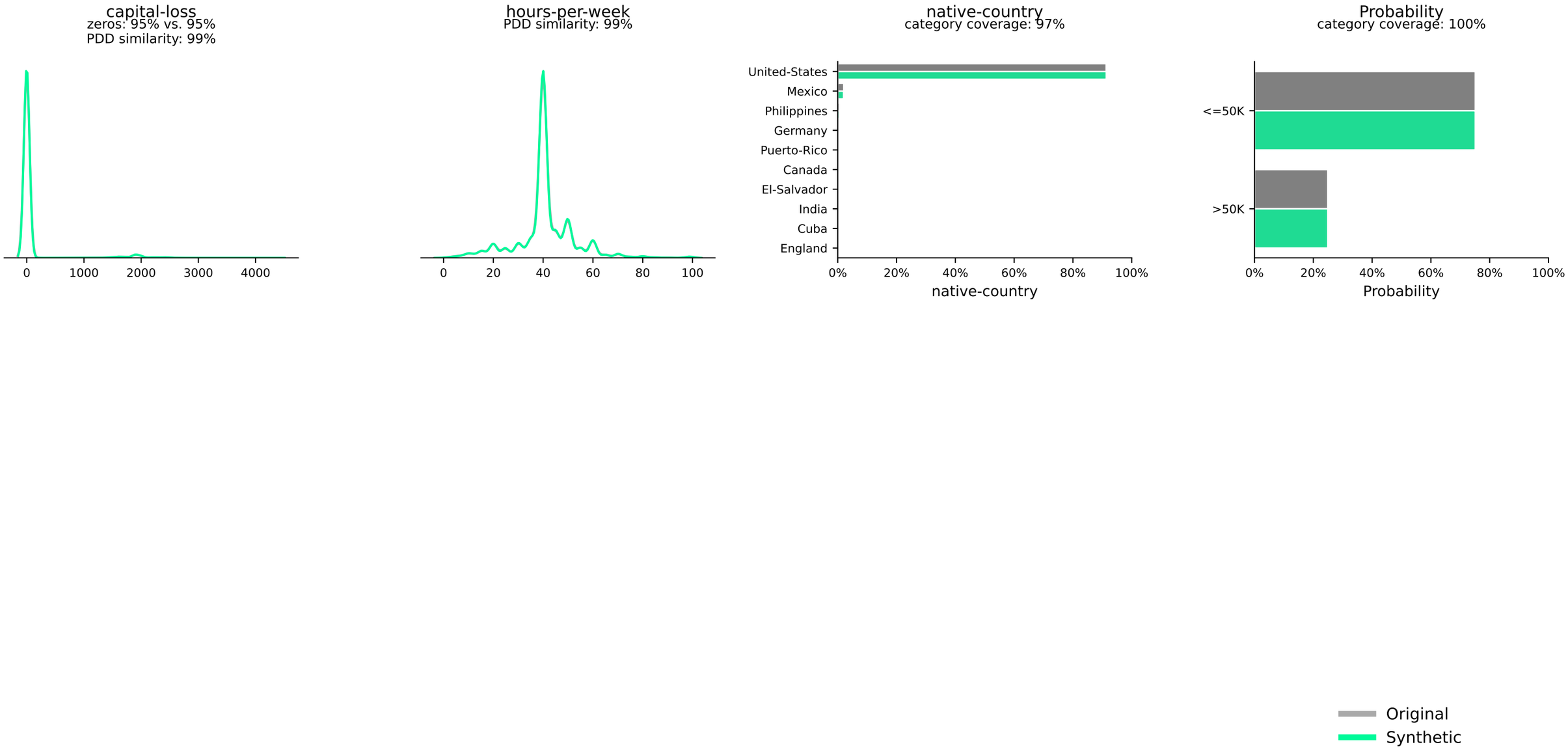
Quality Assurance Report

Original: 36178 records Synthetic: 1000000 records

2023-01-16

Univariate Distributions

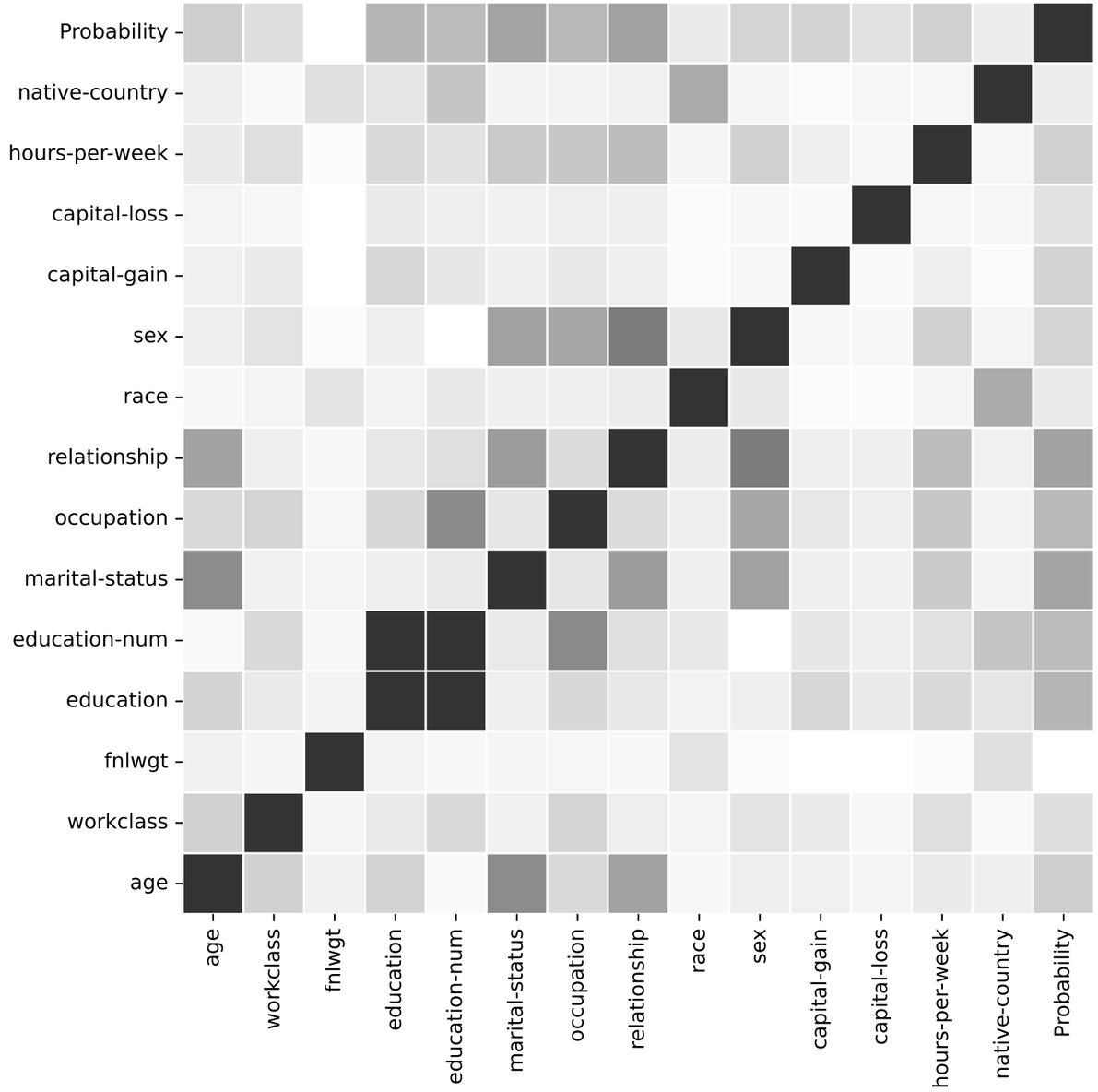

age
PDD similarity: 99%
20
40
60
80
workclass
category coverage: 100%
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay
0%
20%
40%
60%
80%
100%
workclass
fnlwgt
PDD similarity: 99%
0.0
0.5
1.0
1.5
1e6
education
category coverage: 100%
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school
0%
20%
40%
60%
80%
100%
education
education-num
PDD similarity: 99%
0
5
10
15
marital-status
category coverage: 100%
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse
0%
20%
40%
60%
80%
100%
marital-status
occupation
category coverage: 100%
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing
0%
20%
40%
60%
80%
100%
occupation
relationship
category coverage: 100%
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative
0%
20%
40%
60%
80%
100%
relationship
race
category coverage: 100%
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
0%
20%
40%
60%
80%
100%
race
sex
category coverage: 100%
Male
Female
0%
20%
40%
60%
80%
100%
sex
capital-gain
zeros: 91% vs. 91%
PDD similarity: 99%
0
25000
50000
75000
100000
Original
Synthetic


capital-loss
zeros: 95% vs. 95%
PDD similarity: 99%
0
1000
2000
3000
4000
hours-per-week
PDD similarity: 99%
0
20
40
60
80
100
native-country
category coverage: 97%
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
0%
20%
40%
60%
80%
100%
native-country
Probability
category coverage: 100%
<=50K
>50K
0%
20%
40%
60%
80%
100%
Probability
Original
Synthetic

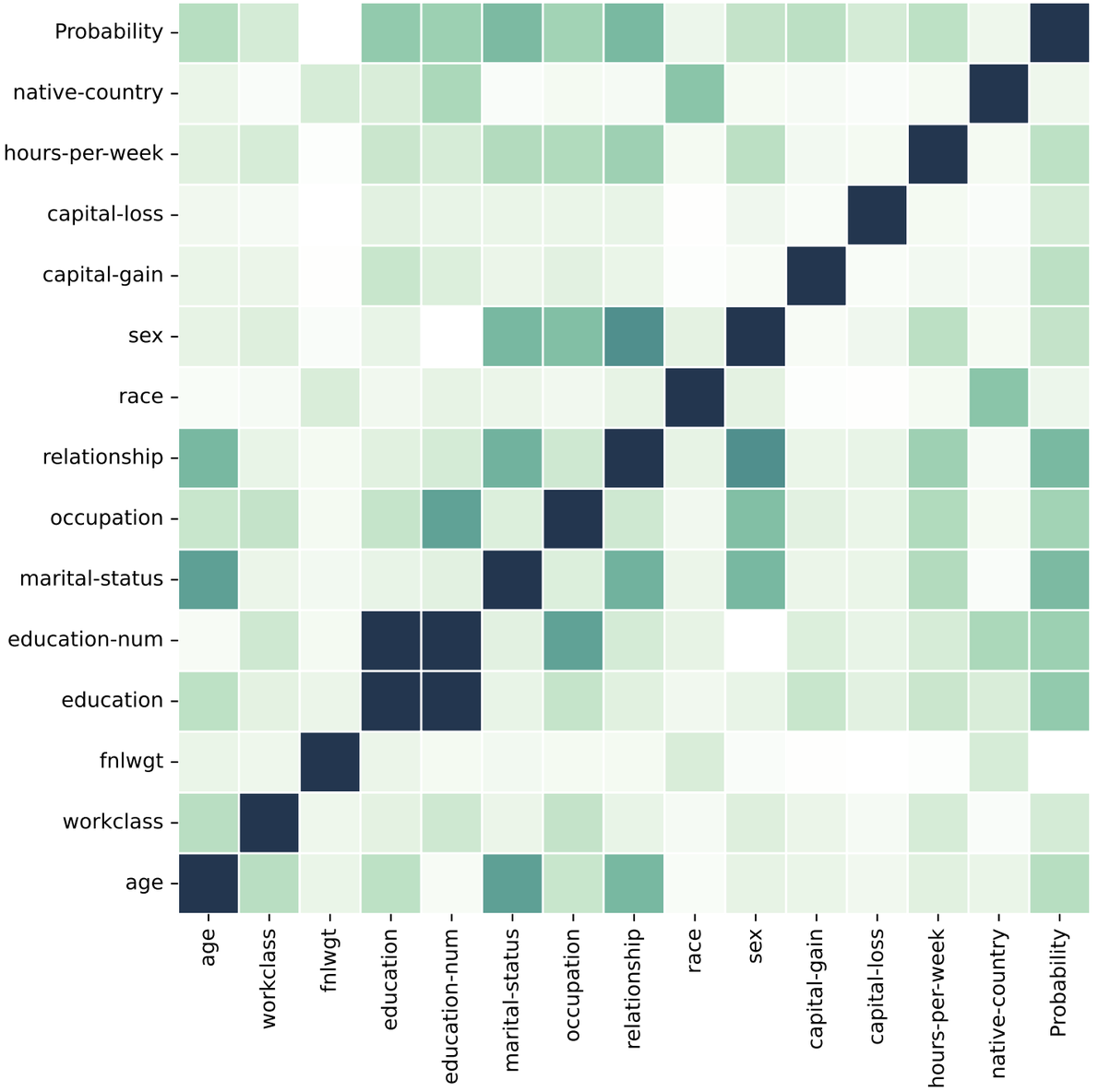
Correlations

Correlation similarity 99 %

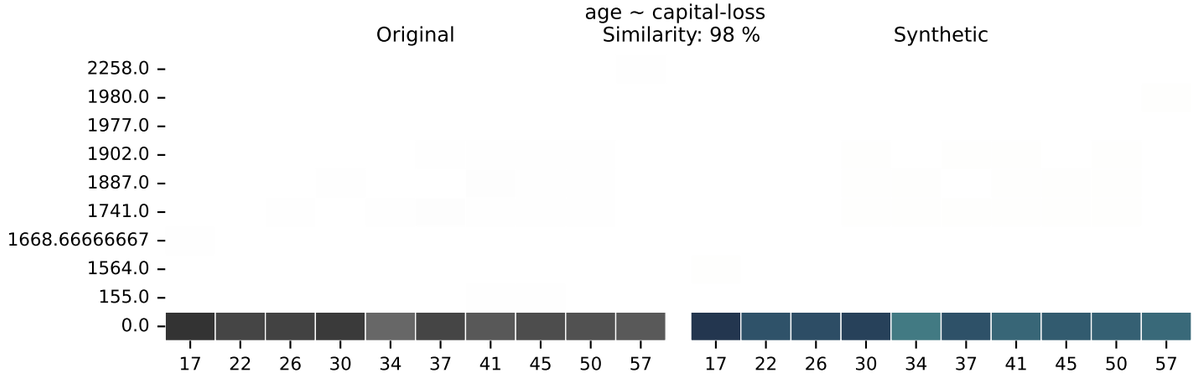
Original

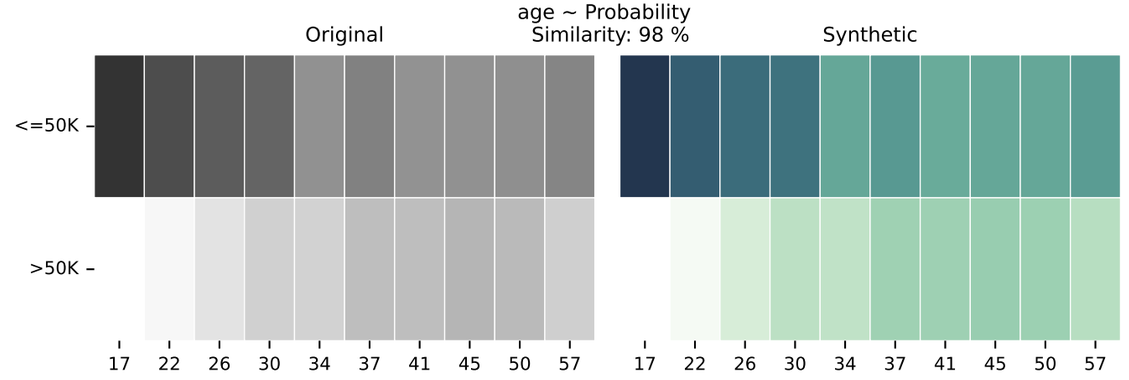


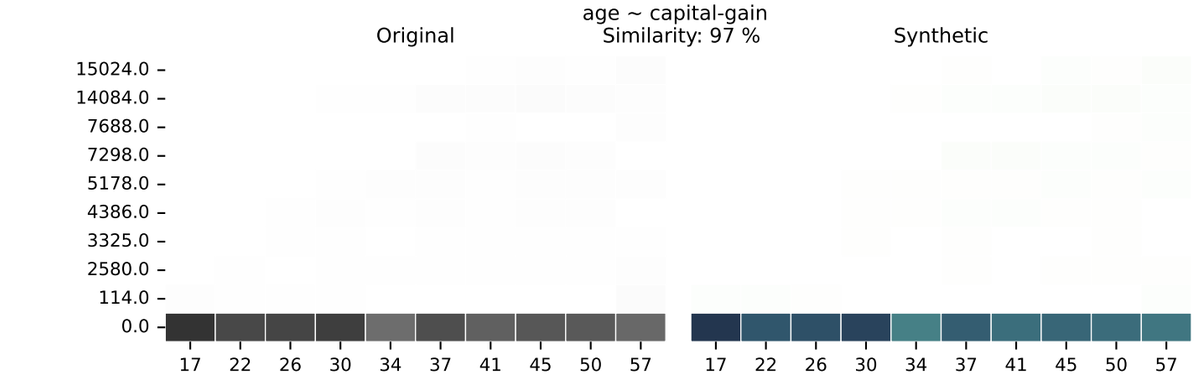
Synthetic

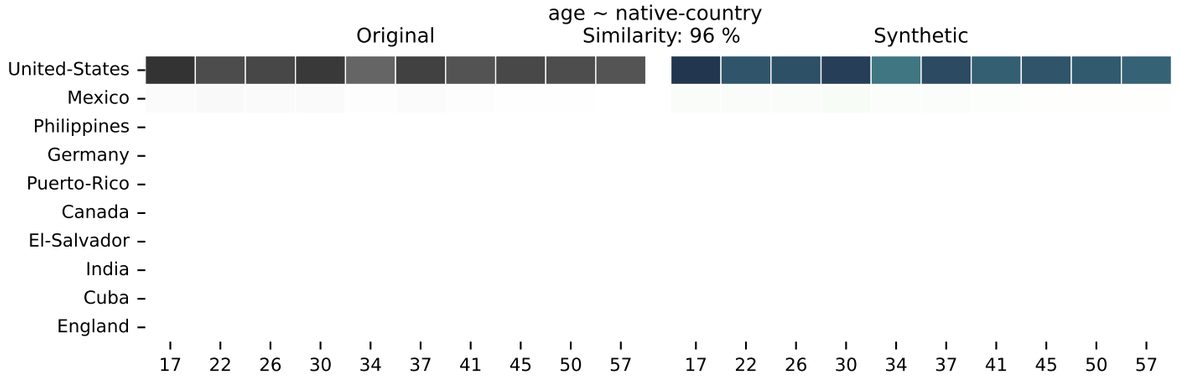


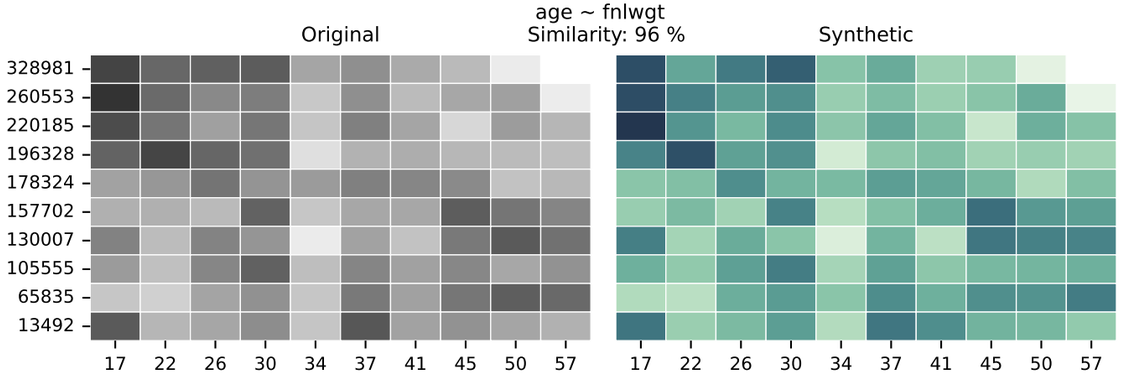
Bivariate Distributions

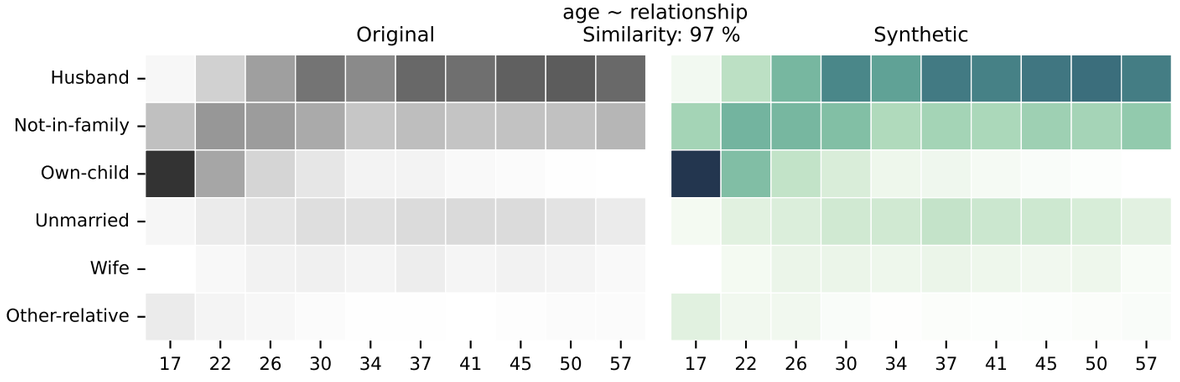

age ~ capital-loss
Original
Similarity: 98 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.66666667
1564.0
155.0
0.0
17 22 26 30 34 37 41 45 50 57

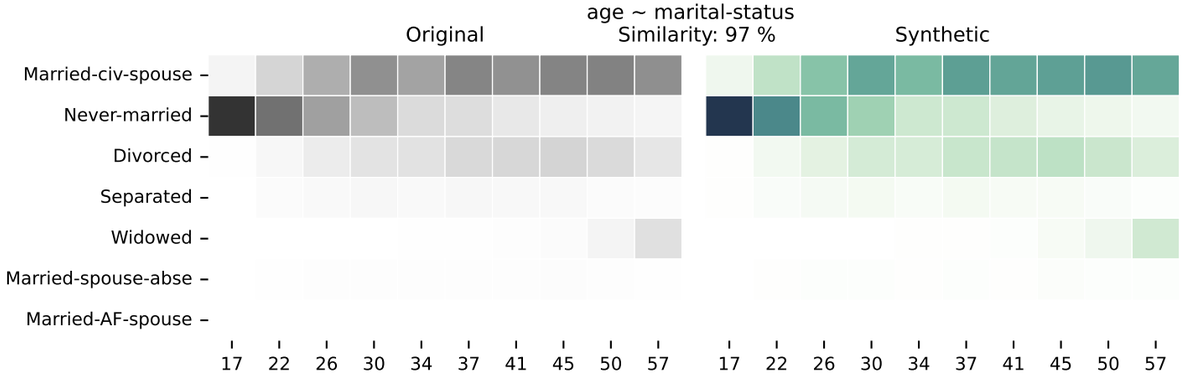

age ~ Probability
Original
Similarity: 98 %
Synthetic
<=50K
>50K
17 22 26 30 34 37 41 45 50 57

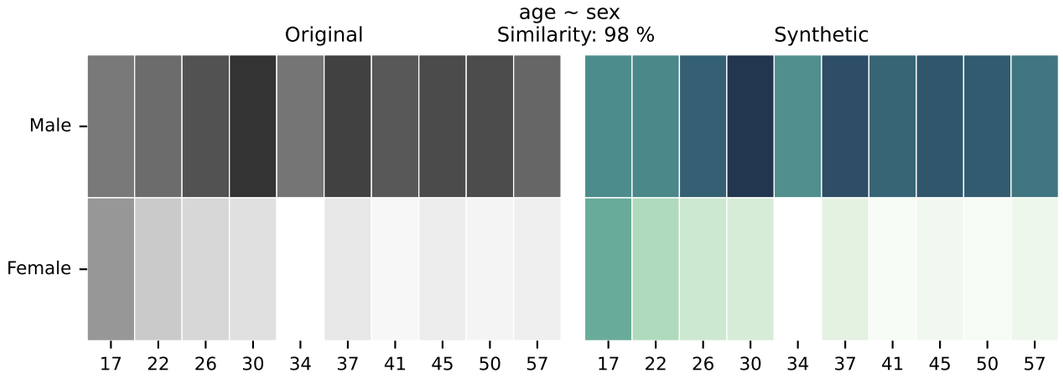

age ~ capital-gain
Original
Similarity: 97 %
Synthetic
15024.0
14084.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
17 22 26 30 34 37 41 45 50 57

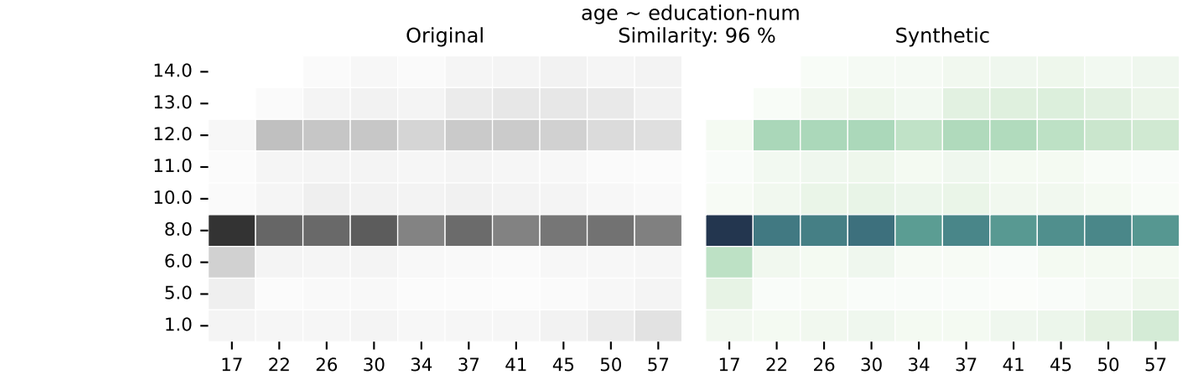

age ~ native-country
Original
Similarity: 96 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
17 22 26 30 34 37 41 45 50 57

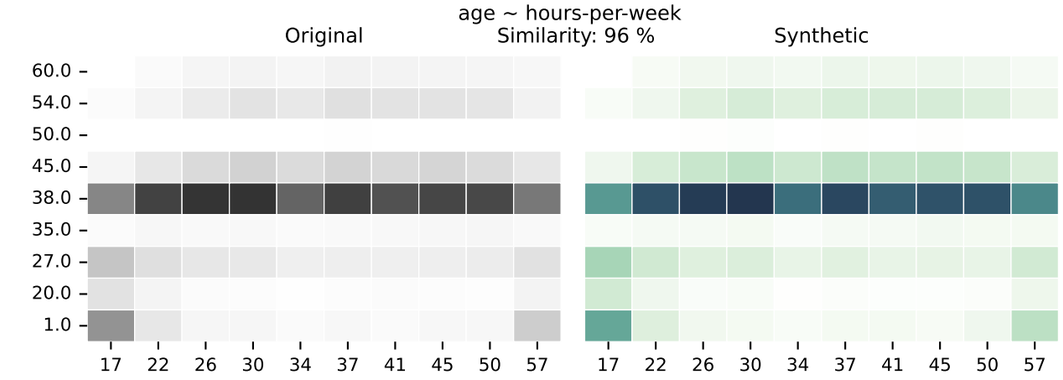

age ~ fnlwgt
Original
Similarity: 96 %
Synthetic
328981
260553
220185
196328
178324
157702
130007
105555
65835
13492
17 22 26 30 34 37 41 45 50 57

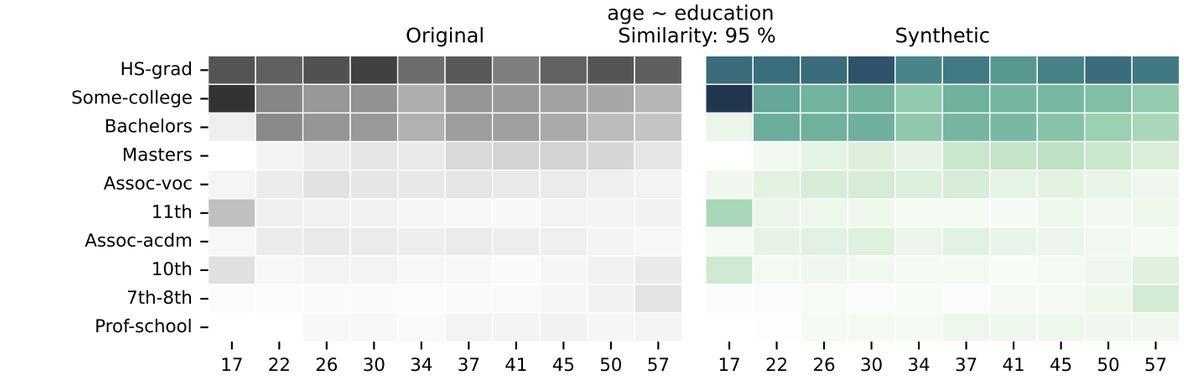

age ~ relationship
Original
Similarity: 97 %
Synthetic
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative
17 22 26 30 34 37 41 45 50 57

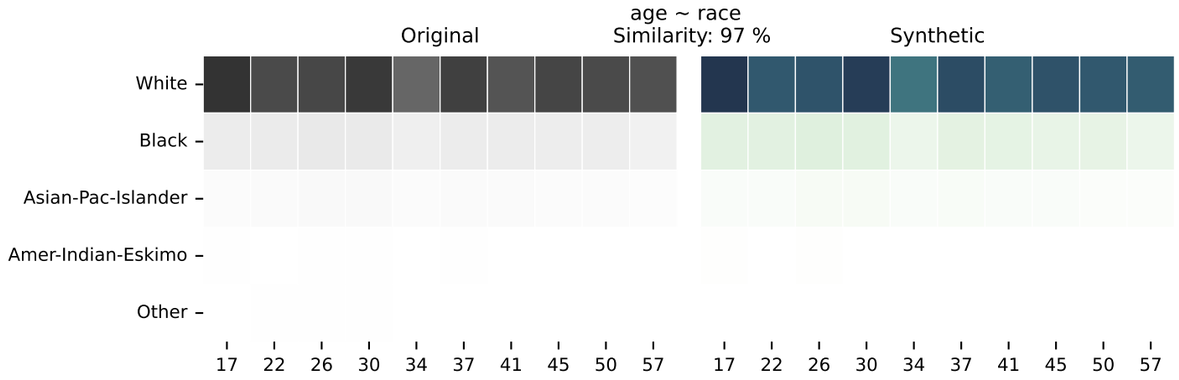

age ~ marital-status
Original
Similarity: 97 %
Synthetic
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse
17 22 26 30 34 37 41 45 50 57

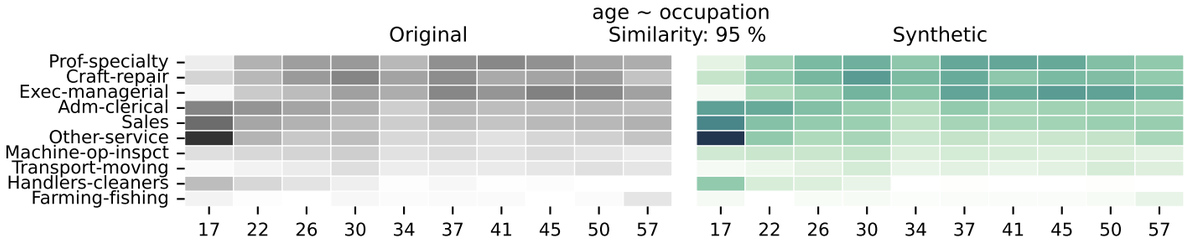

age ~ sex
Original
Similarity: 98 %
Synthetic
Male
Female
17 22 26 30 34 37 41 45 50 57

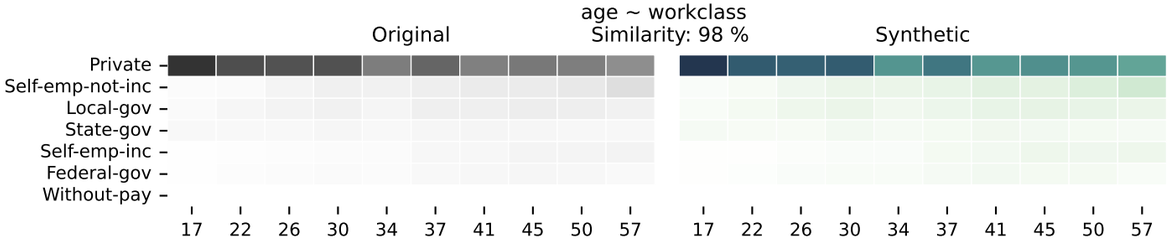

age ~ education-num
Original
Similarity: 96 %
Synthetic
14.0
13.0
12.0
11.0
10.0
8.0
6.0
5.0
1.0
17 22 26 30 34 37 41 45 50 57

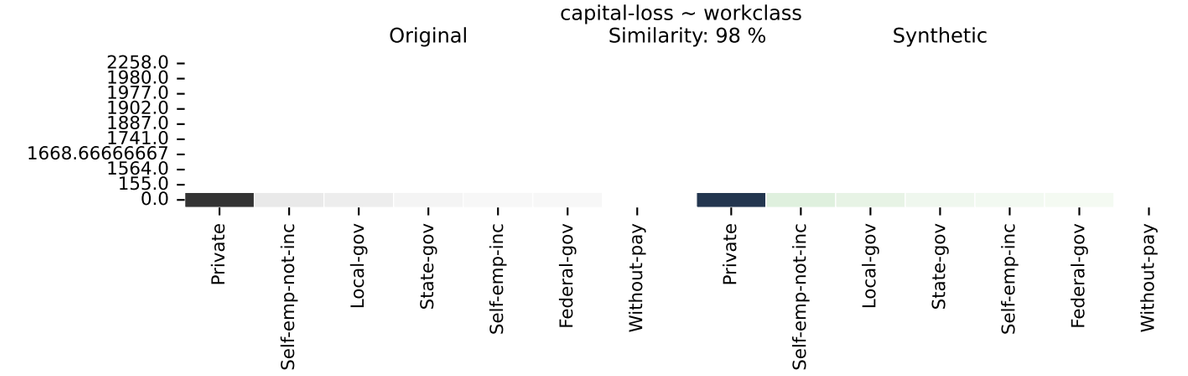

age ~ hours-per-week
Original
Similarity: 96 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
17 22 26 30 34 37 41 45 50 57

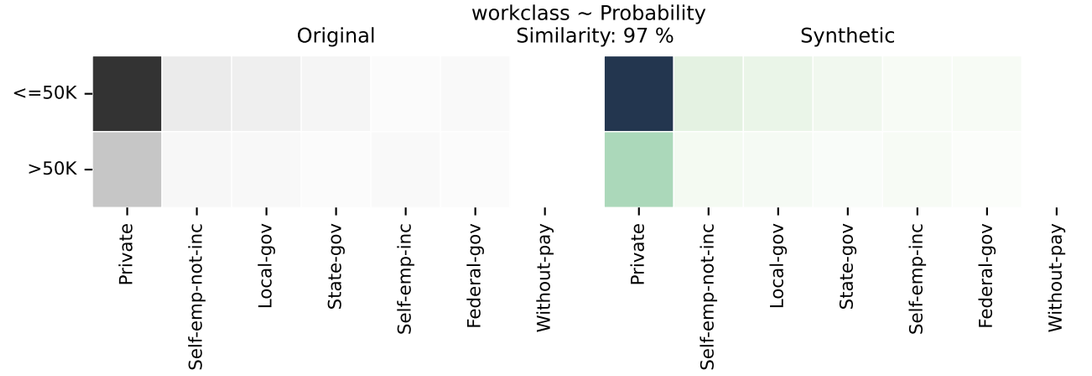

age ~ education
Original
Similarity: 95 %
Synthetic
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school
17 22 26 30 34 37 41 45 50 57

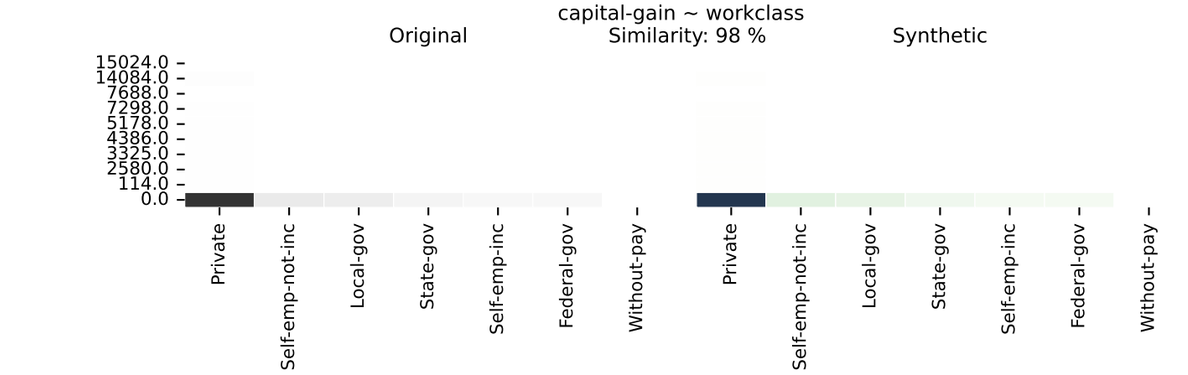

age ~ race
Original
Similarity: 97 %
Synthetic
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
17 22 26 30 34 37 41 45 50 57

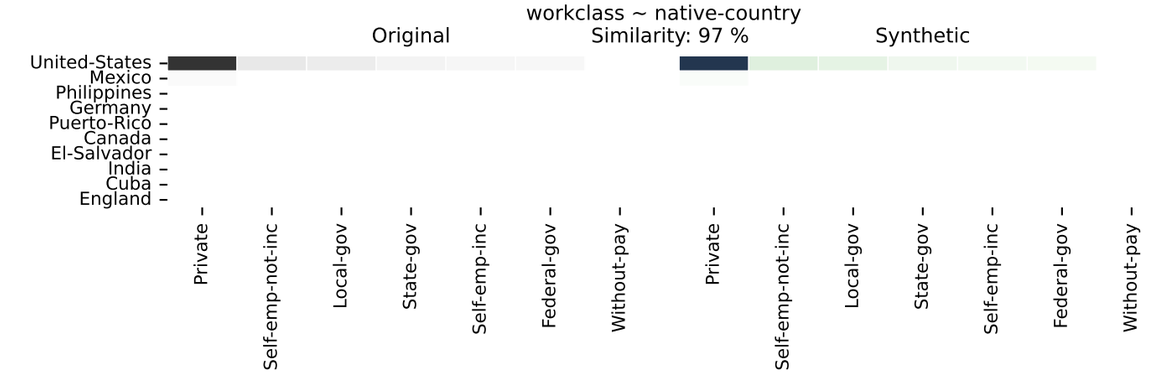

age ~ occupation
Original
Similarity: 95 %
Synthetic
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing
17 22 26 30 34 37 41 45 50 57
17 22 26 30 34 37 41 45 50 57

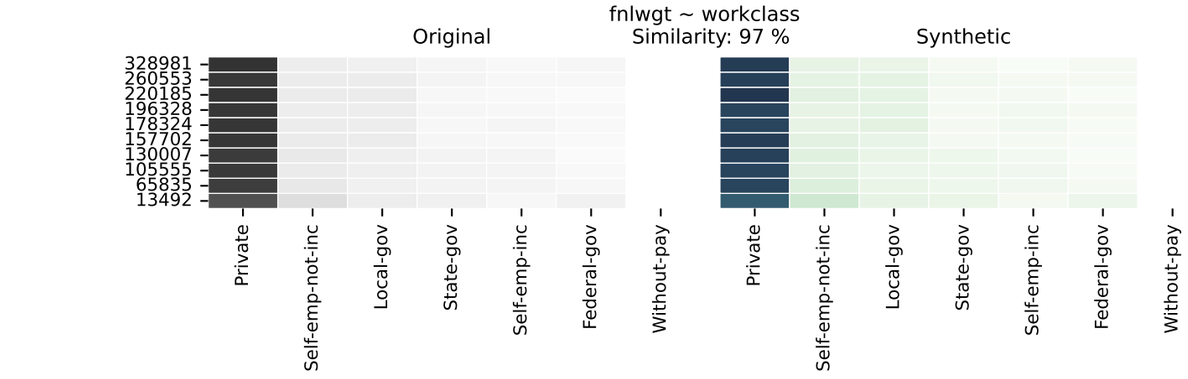

age ~ workclass
Original
Similarity: 98 %
Synthetic
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay
17 22 26 30 34 37 41 45 50 57
17 22 26 30 34 37 41 45 50 57

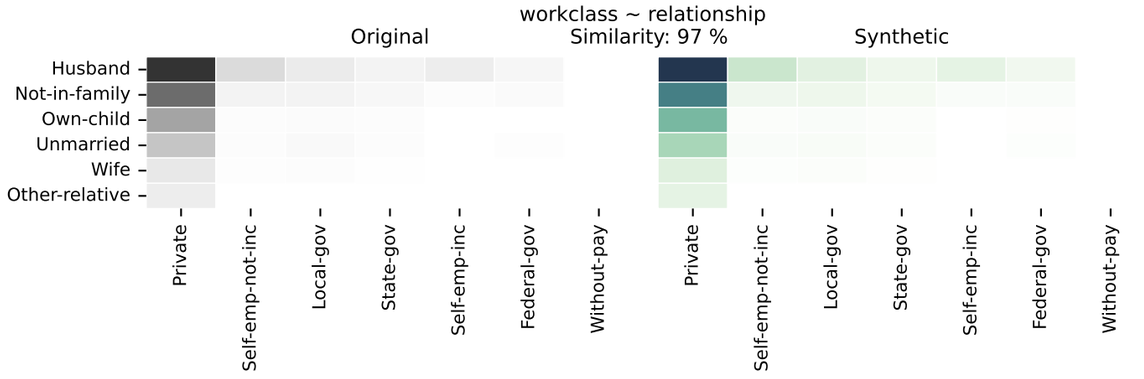

capital-loss ~ workclass
Original
Similarity: 98 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.66666667
1564.0
155.0
0.0
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

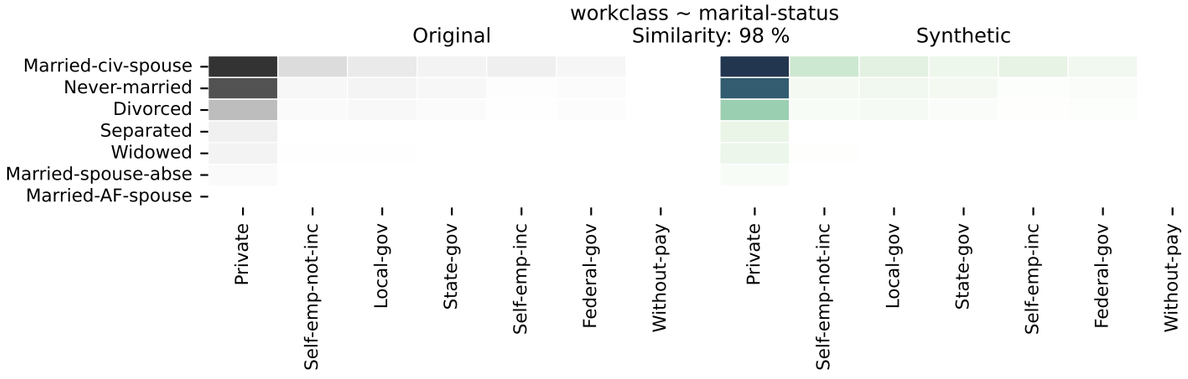

workclass ~ Probability
Original
Similarity: 97 %
Synthetic
<=50K
>50K
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay


capital-gain ~ workclass
Original
Similarity: 98 %
Synthetic
15024.0
14084.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

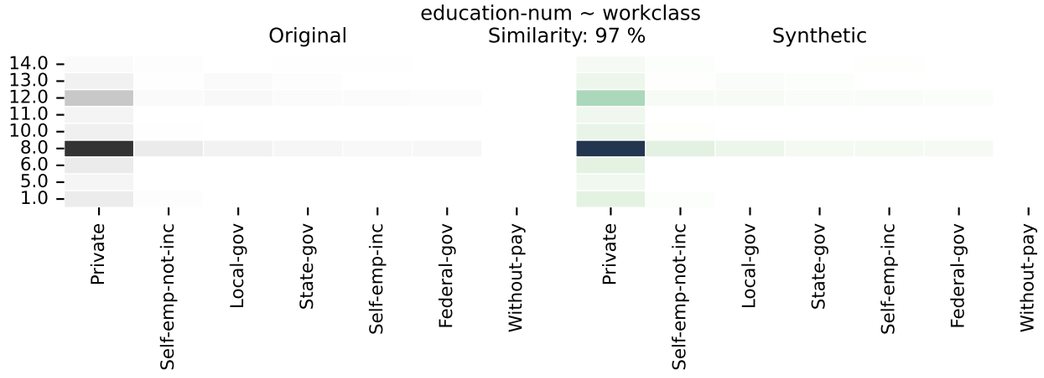

workclass ~ native-country
Original
Similarity: 97 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

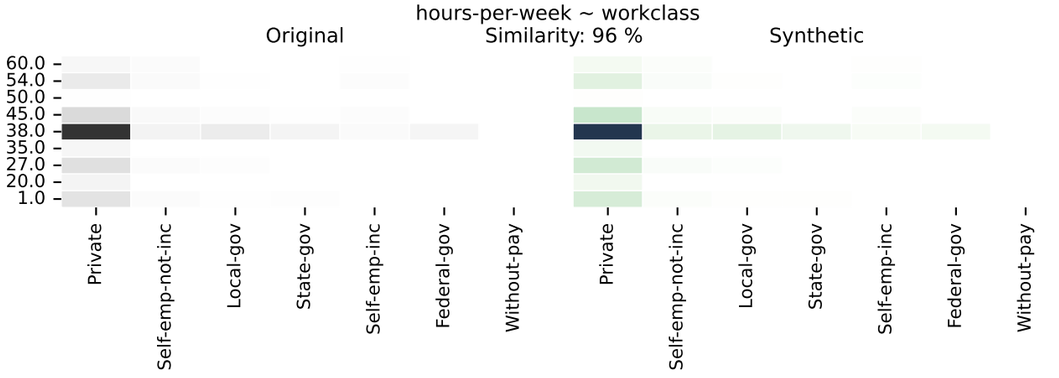

fnlwgt ~ workclass
Original
Similarity: 97 %
Synthetic
328981
260553
220185
196328
178324
157702
130007
105555
65835
13492
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

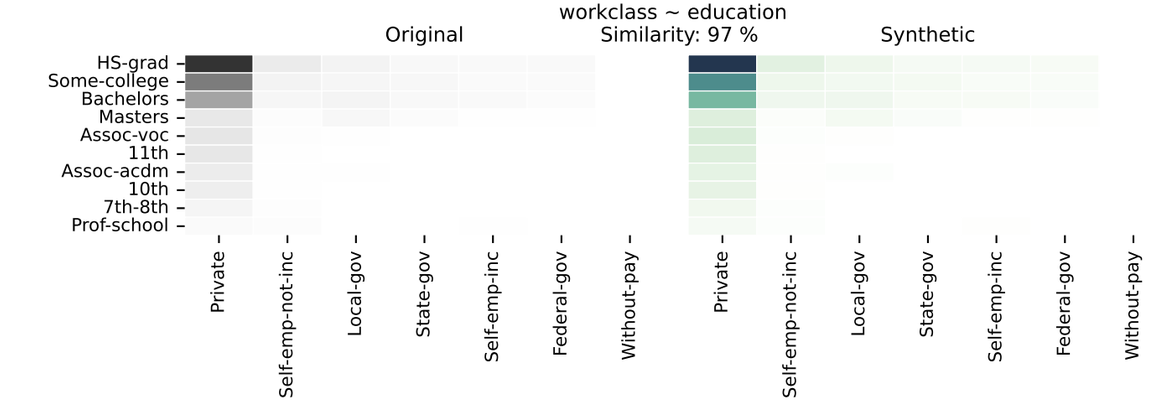

workclass ~ relationship
Original
Similarity: 97 %
Synthetic
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

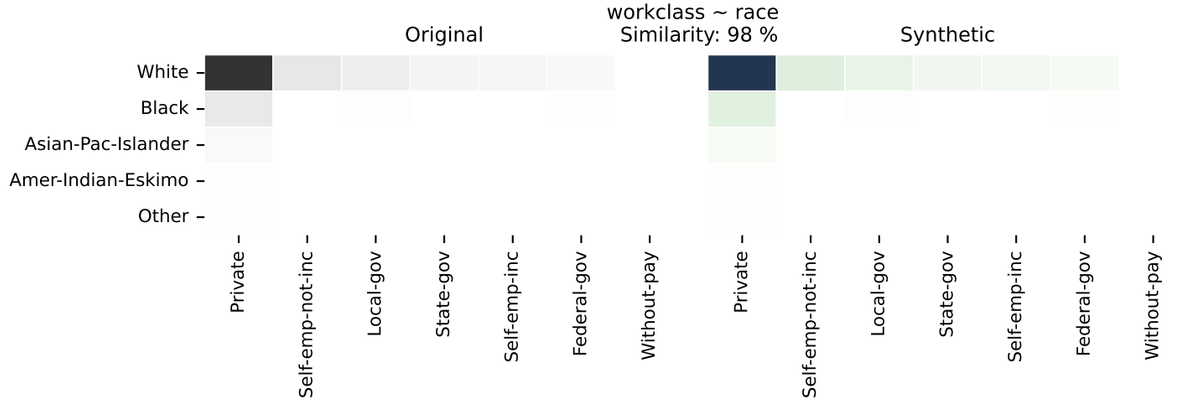

workclass ~ marital-status
Original
Similarity: 98 %
Synthetic
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

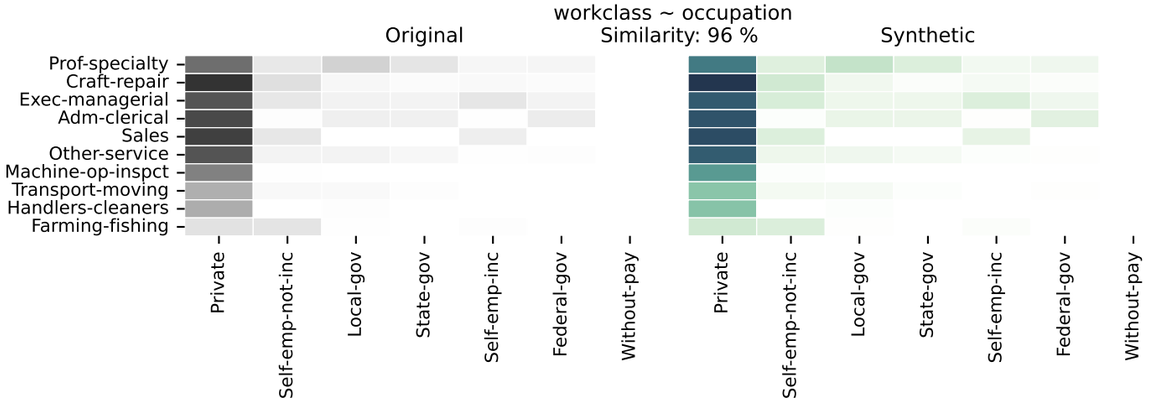
workclass ~ sex
Original
Similarity: 98 %
Synthetic
Male
Female
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

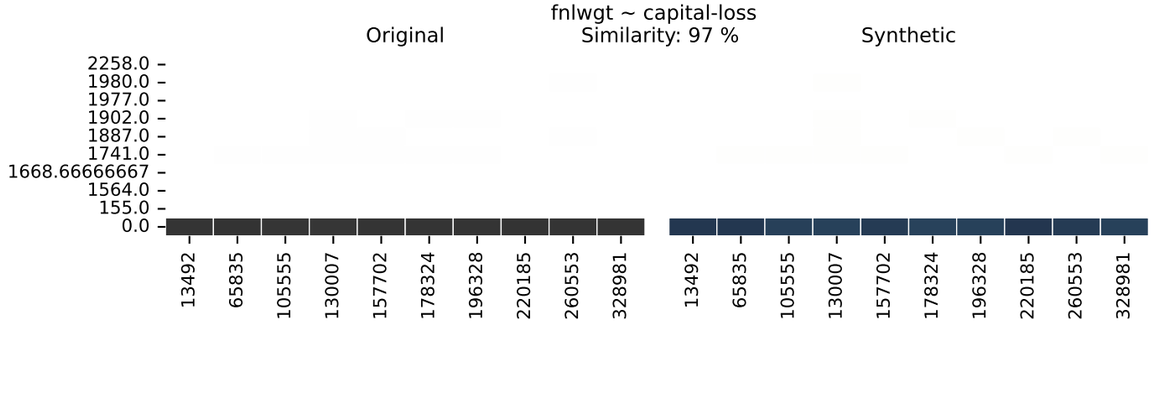

education-num ~ workclass
Original
Similarity: 97 %
Synthetic
14.0
13.0
12.0
11.0
10.0
8.0
6.0
5.0
1.0
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

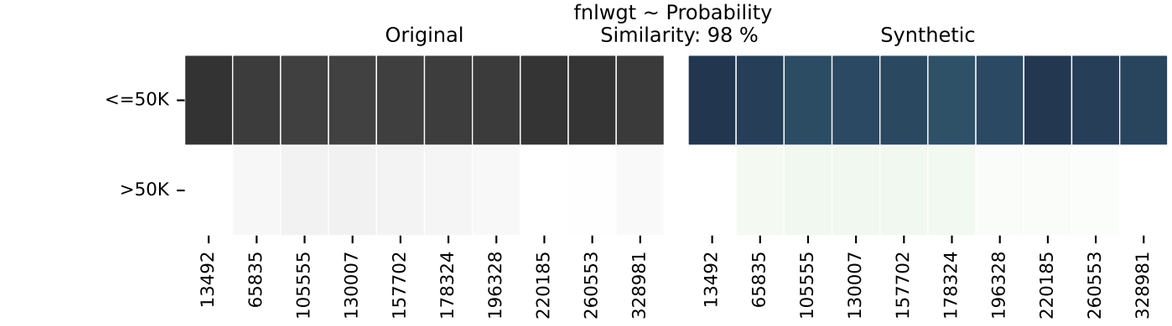

hours-per-week ~ workclass
Original
Similarity: 96 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

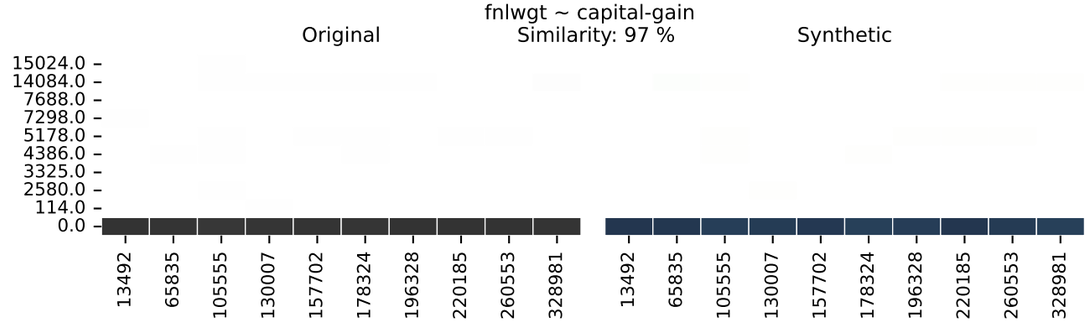

workclass ~ education
Original
Similarity: 97 %
Synthetic
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

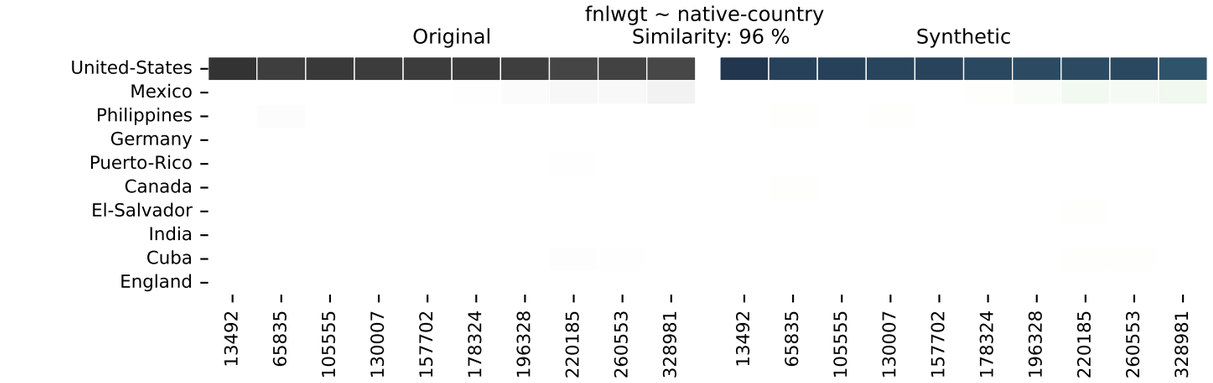

workclass ~ race
Original
Similarity: 98 %
Synthetic
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

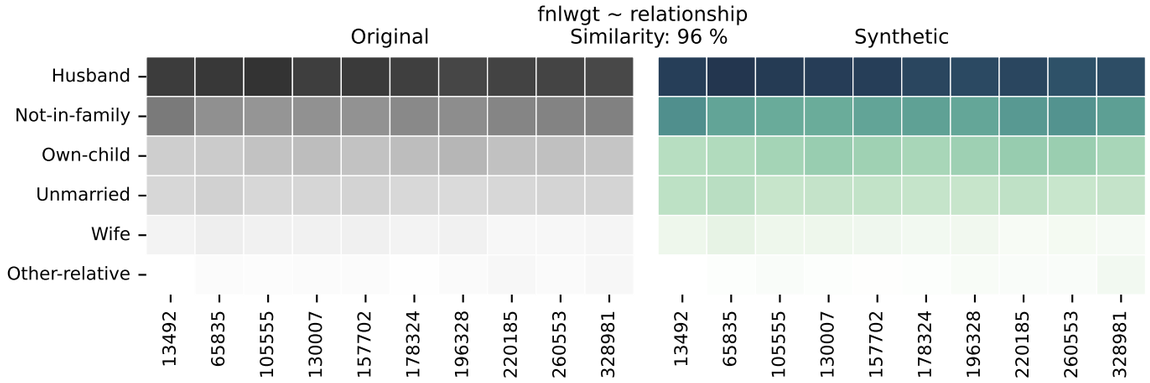

workclass ~ occupation
Original
Similarity: 96 %
Synthetic
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing
Private
Self-emp-not-inc
Local-gov
State-gov
Self-emp-inc
Federal-gov
Without-pay

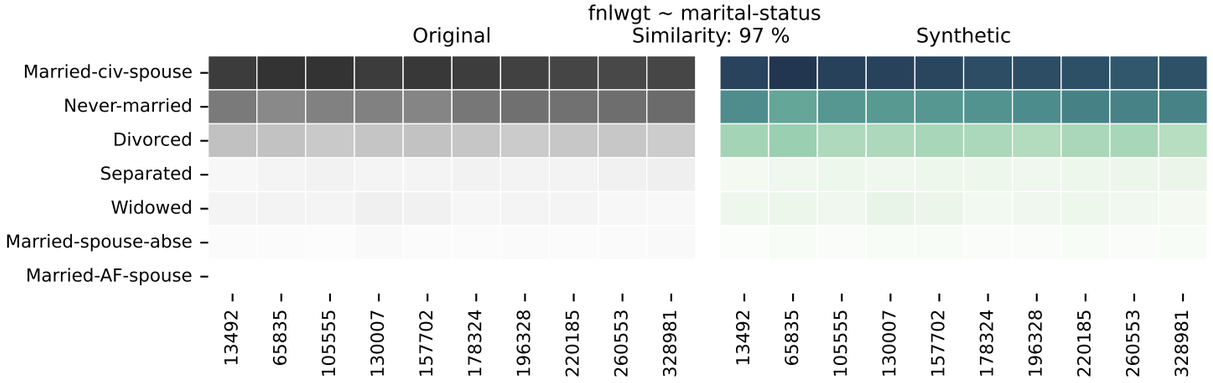

fnlwgt ~ capital-loss
Original
Similarity: 97 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.66666667
1564.0
155.0
0.0
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

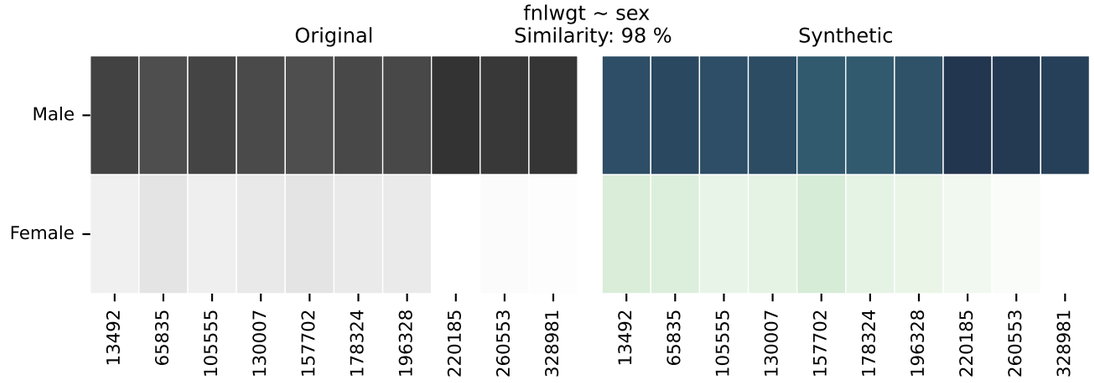

fnlwgt ~ Probability
Original
Similarity: 98 %
Synthetic
<=50K
>50K
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

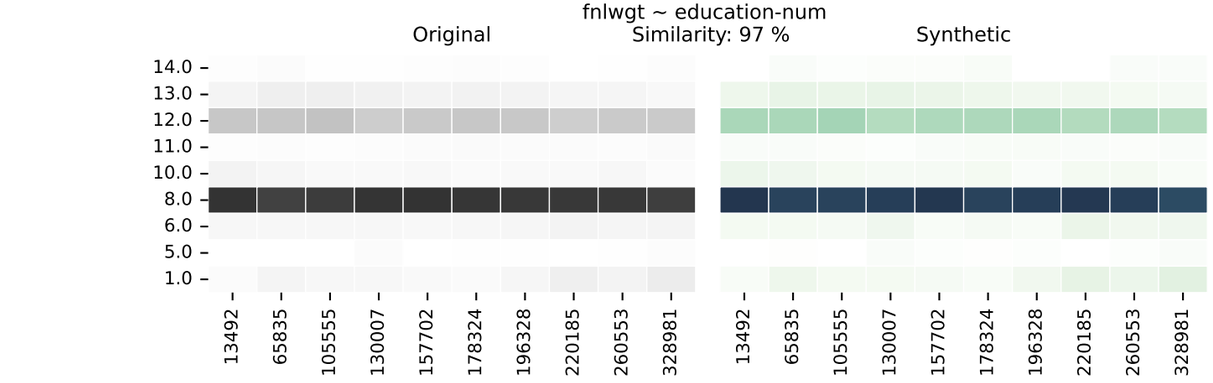

fnlwgt ~ capital-gain
Original
Similarity: 97 %
Synthetic
15024.0
14084.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

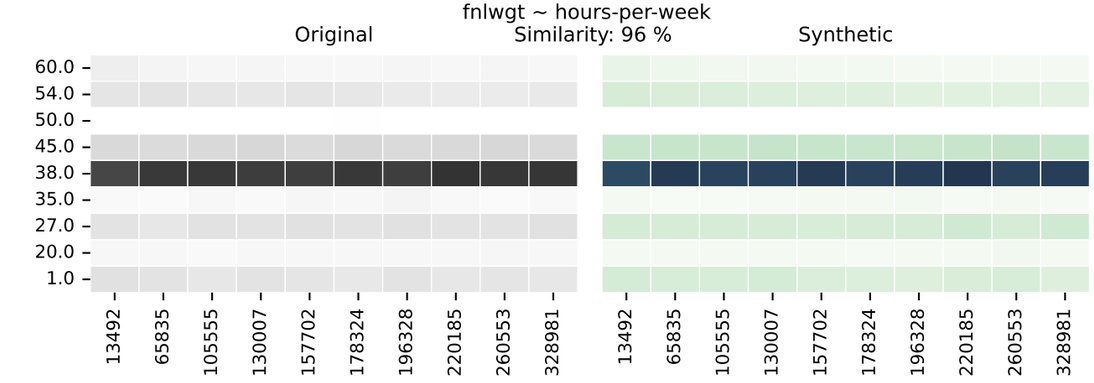

fnlwgt ~ native-country
Original
Similarity: 96 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

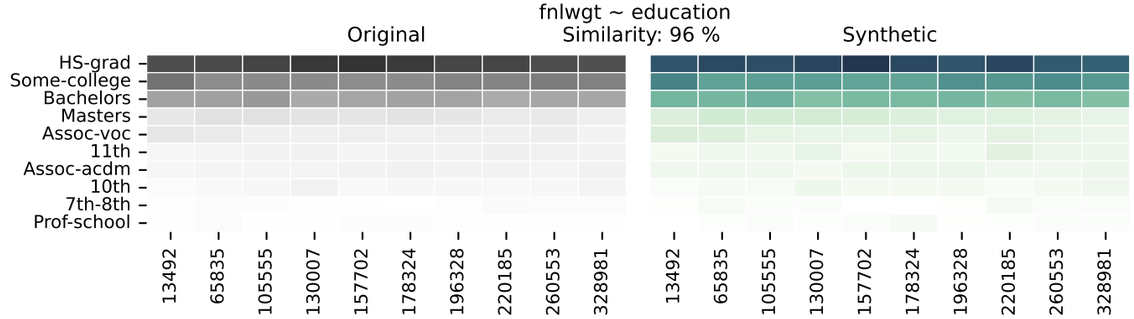

fnlwgt ~ relationship
Original
Similarity: 96 %
Synthetic
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

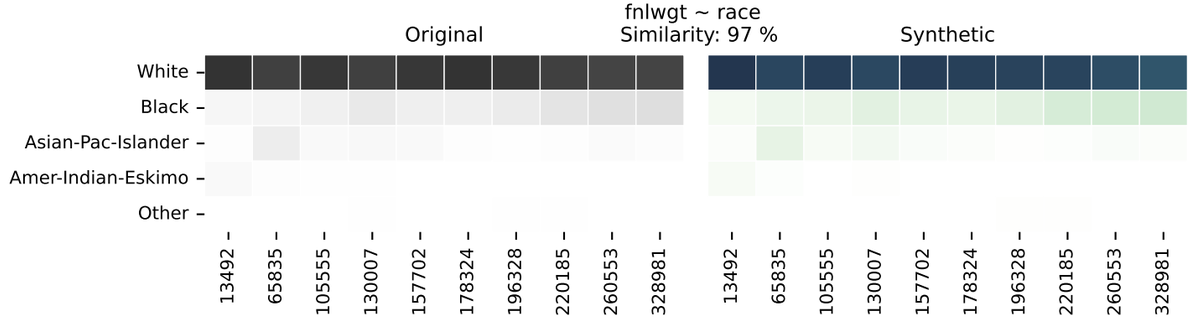

fnlwgt ~ marital-status
Original
Similarity: 97 %
Synthetic
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

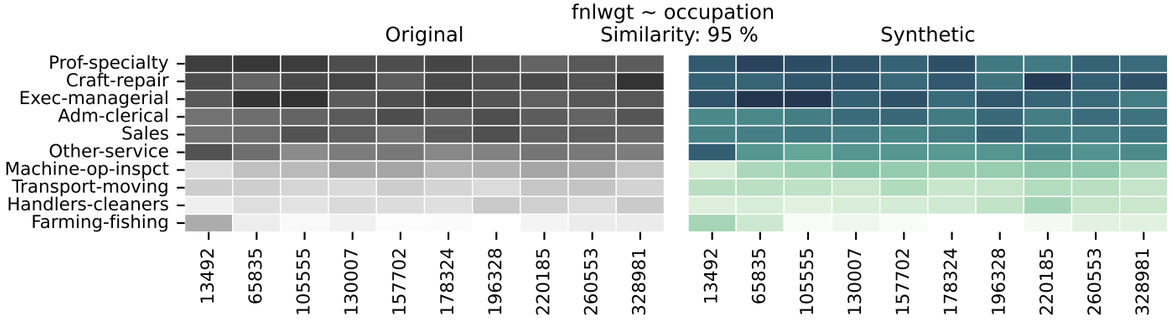

fnlwgt ~ sex
Original
Similarity: 98 %
Synthetic
Male
Female
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

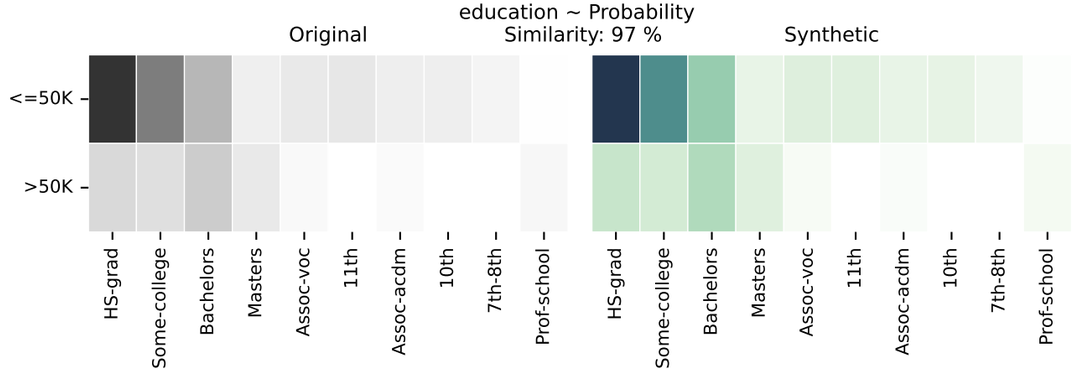

fnlwgt ~ education-num
Original
Similarity: 97 %
Synthetic
14.0
13.0
12.0
11.0
10.0
8.0
6.0
5.0
1.0
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

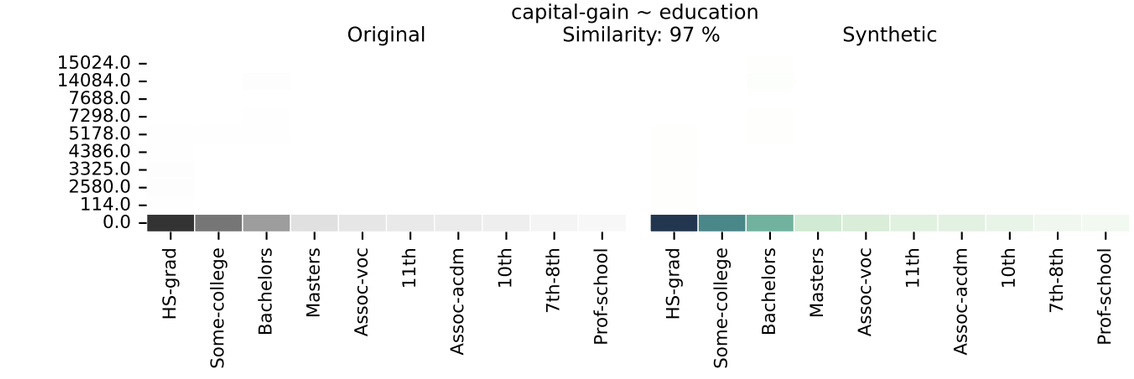

fnlwgt ~ hours-per-week
Original
Similarity: 96 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

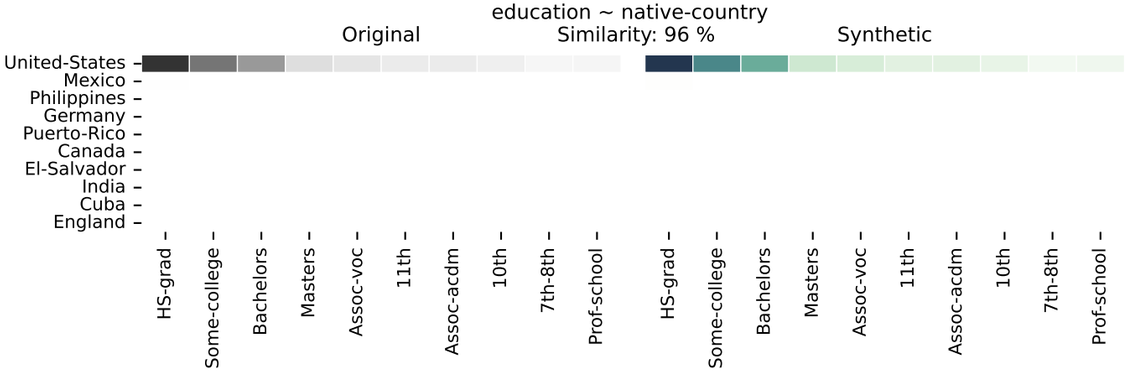

fnlwgt ~ education
Original
Similarity: 96 %
Synthetic
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

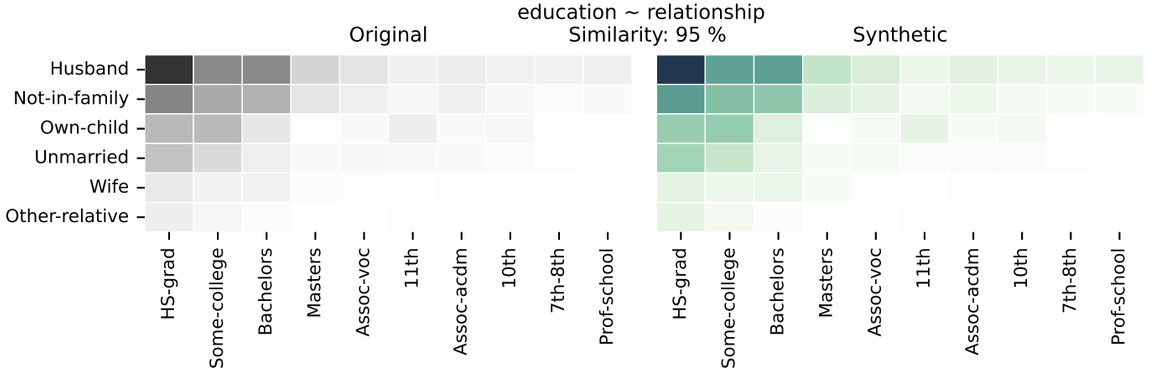

fnlwgt ~ race
Original
Similarity: 97 %
Synthetic
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

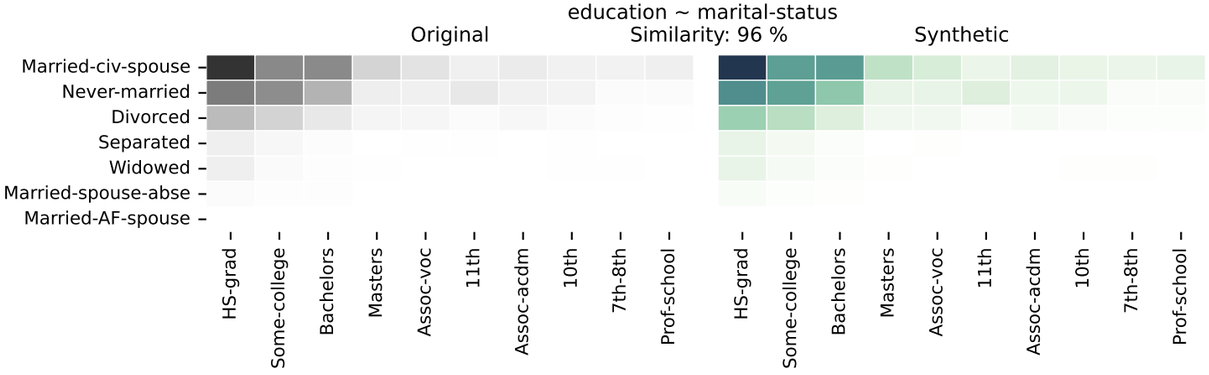

fnlwgt ~ occupation
Original
Similarity: 95 %
Synthetic
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing
13492
65835
105555
130007
157702
178324
196328
220185
260553
328981

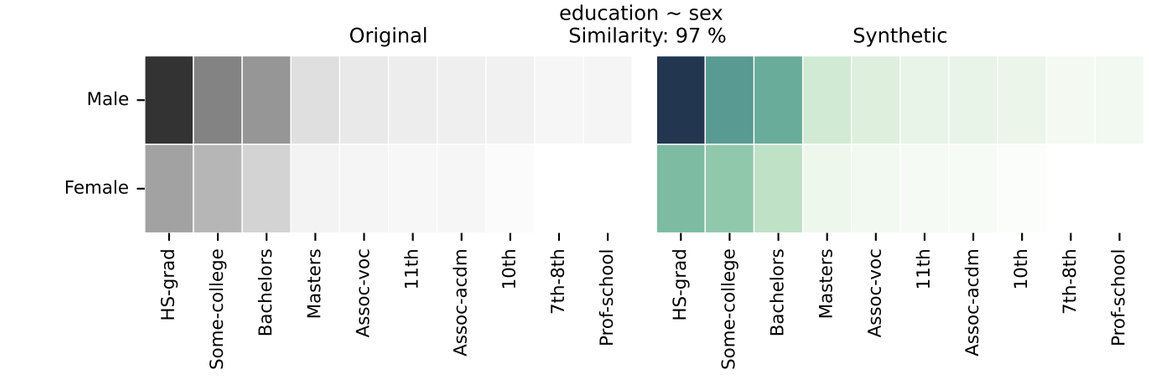

education ~ Probability
Original
Similarity: 97 %
Synthetic
<=50K
>50K
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

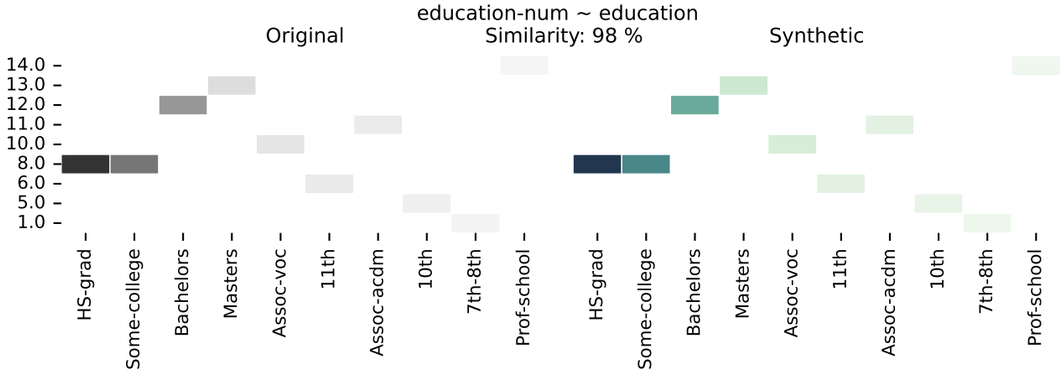

capital-gain ~ education
Original
Similarity: 97 %
Synthetic
15024.0
14084.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

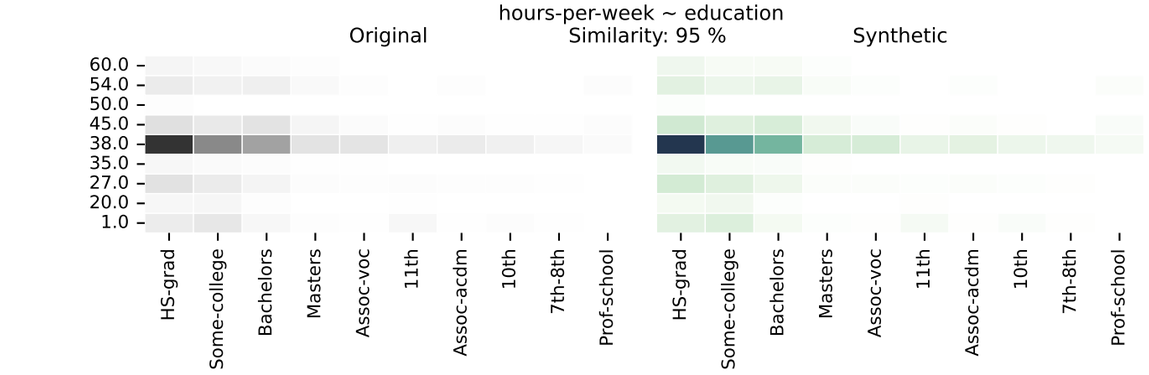

education ~ native-country
Original
Similarity: 96 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

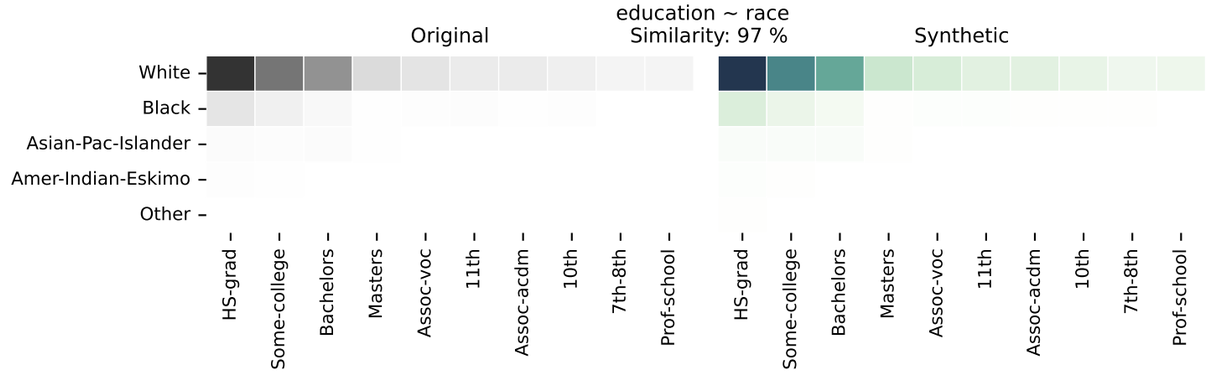

education ~ relationship
Original
Similarity: 95 %
Synthetic
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

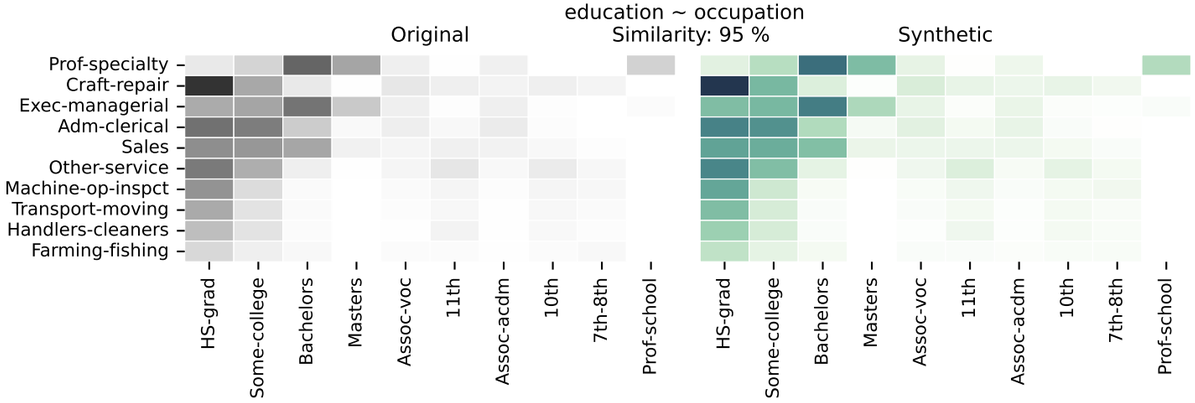

education ~ marital-status
Original
Similarity: 96 %
Synthetic
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

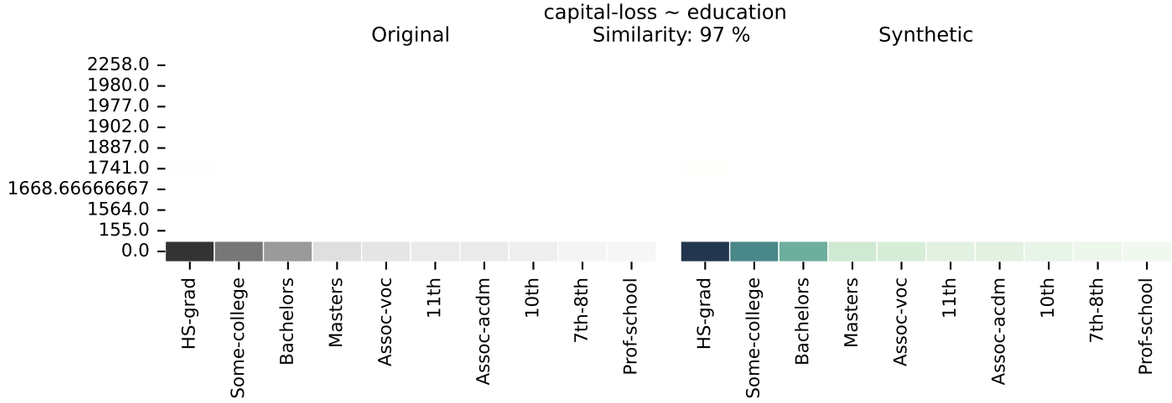

education ~ sex
Original
Similarity: 97 %
Synthetic
Male
Female
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

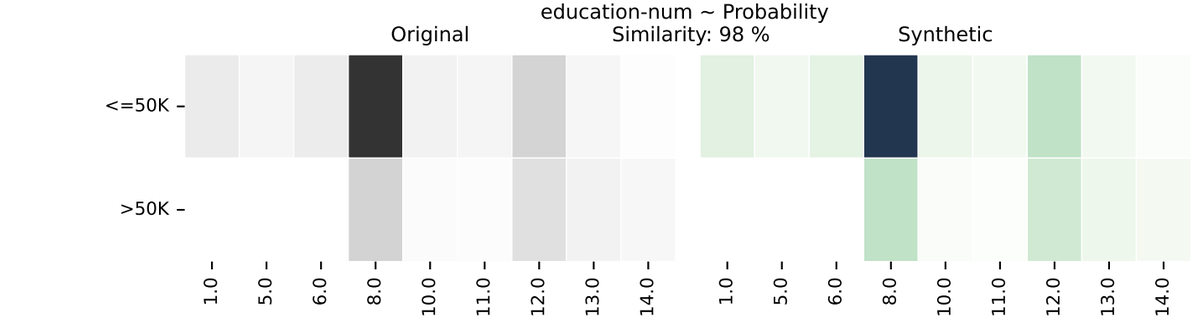

education-num ~ education
Original
Similarity: 98 %
Synthetic
14.0
13.0
12.0
11.0
10.0
8.0
6.0
5.0
1.0
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

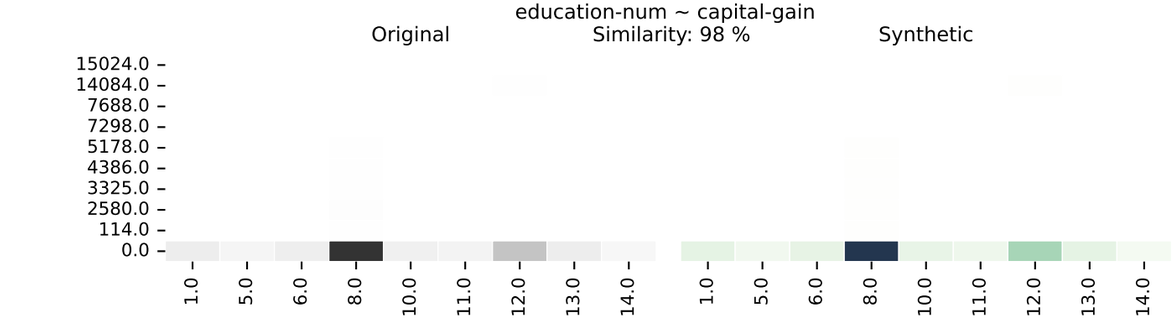

hours-per-week ~ education
Original
Similarity: 95 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

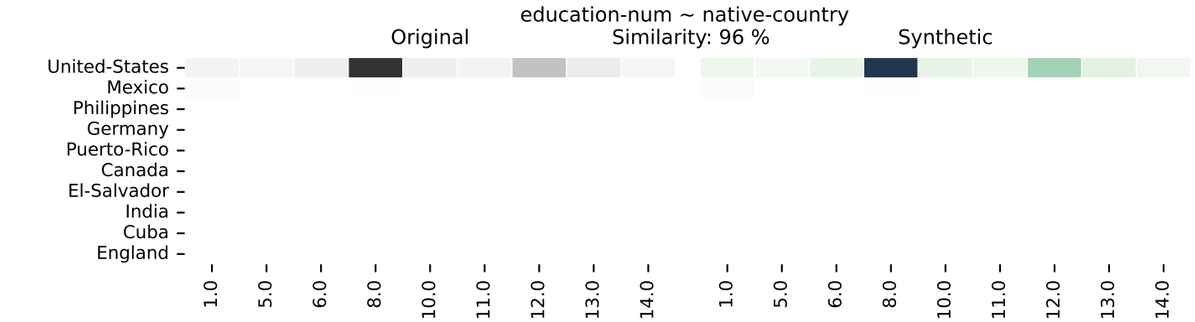

education ~ race
Original
Similarity: 97 %
Synthetic
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

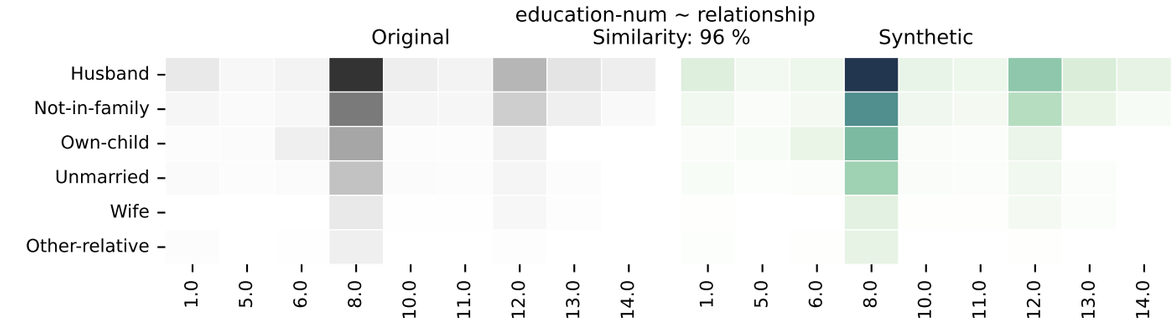

education ~ occupation
Original
Similarity: 95 %
Synthetic
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

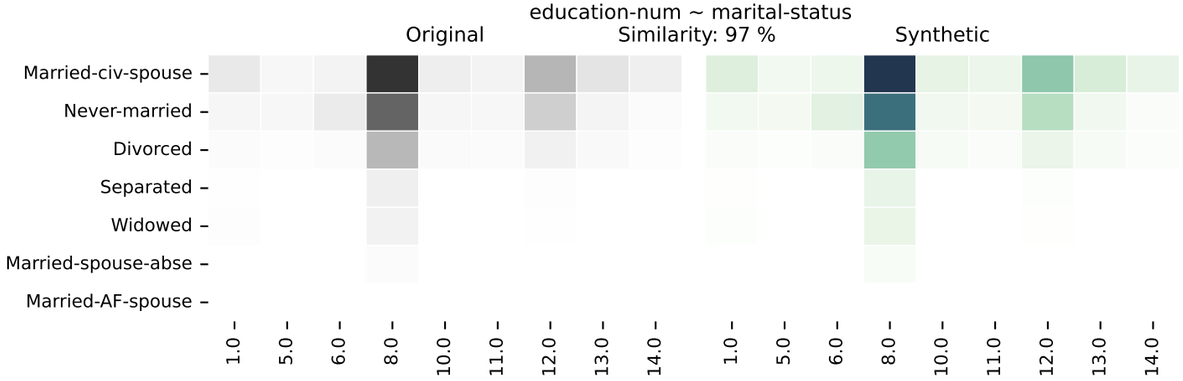

capital-loss ~ education
Original
Similarity: 97 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.66666667
1564.0
155.0
0.0
HS-grad
Some-college
Bachelors
Masters
Assoc-voc
11th
Assoc-acdm
10th
7th-8th
Prof-school

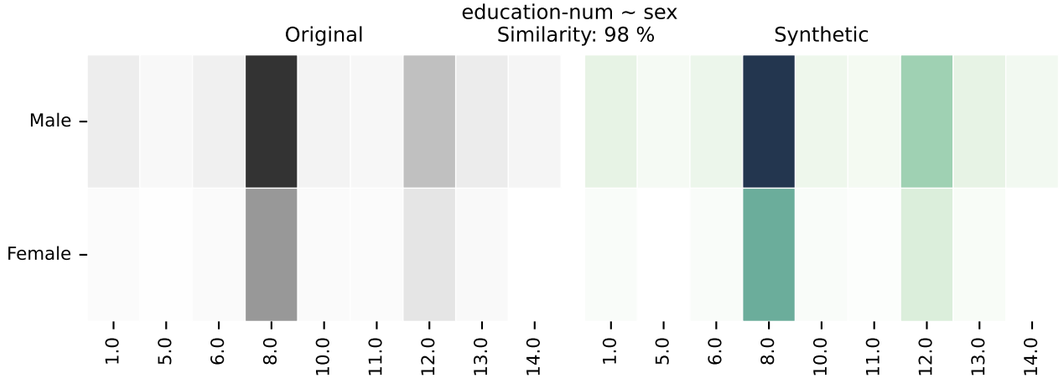

education-num ~ Probability
Original
Similarity: 98 %
Synthetic
<=50K
>50K
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

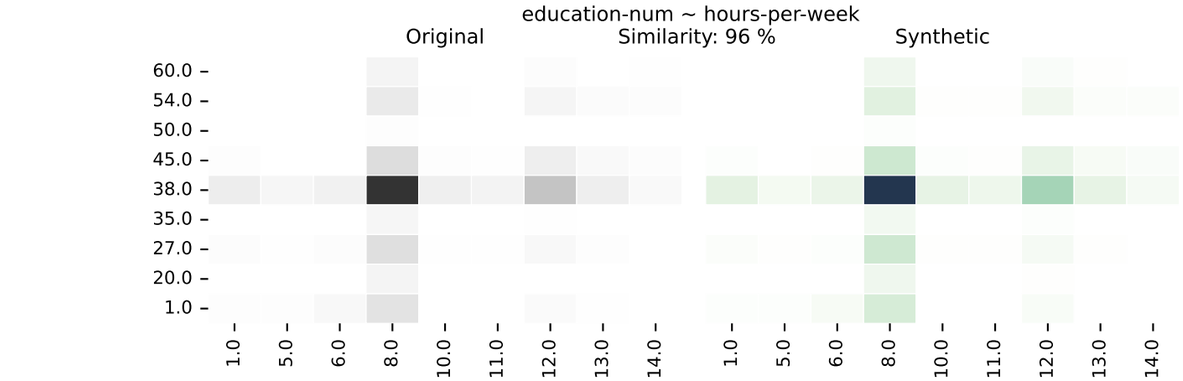

education-num ~ capital-gain
Original
Similarity: 98 %
Synthetic
15024.0
14084.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

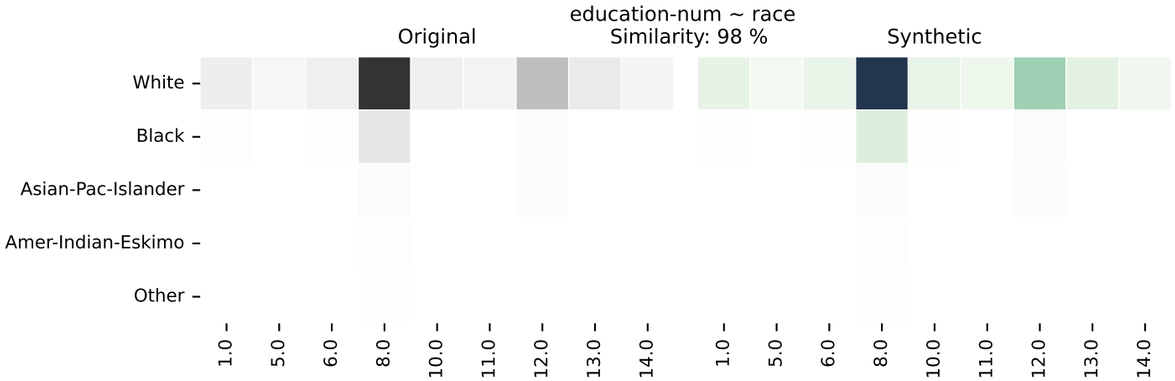

education-num ~ native-country
Original
Similarity: 96 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

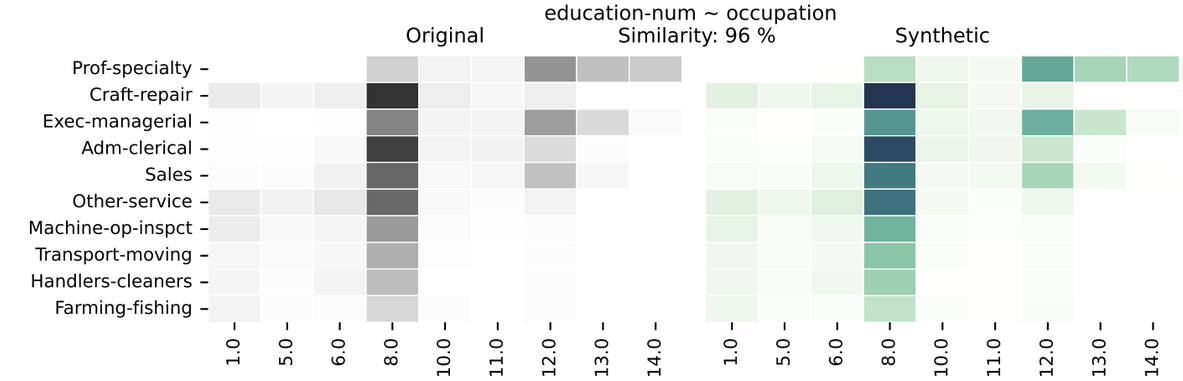

education-num ~ relationship
Original
Similarity: 96 %
Synthetic
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

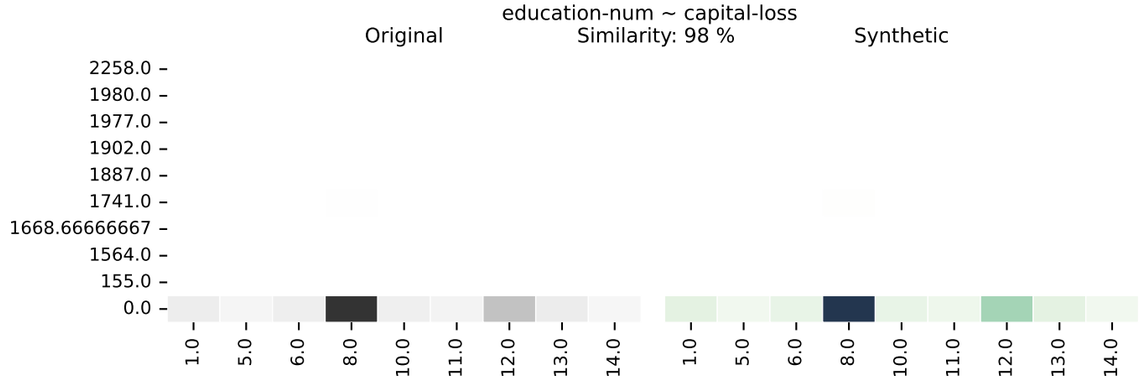

education-num ~ marital-status
Original
Similarity: 97 %
Synthetic
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

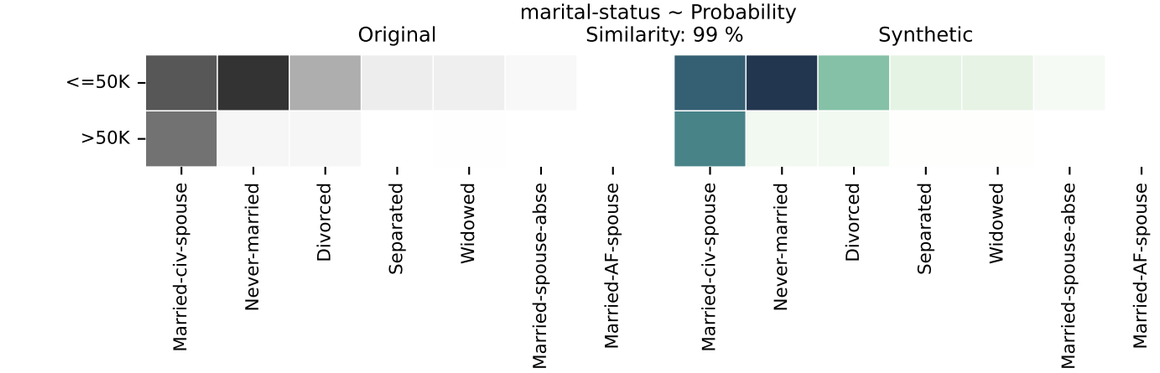

education-num ~ sex
Original
Similarity: 98 %
Synthetic
Male
Female
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

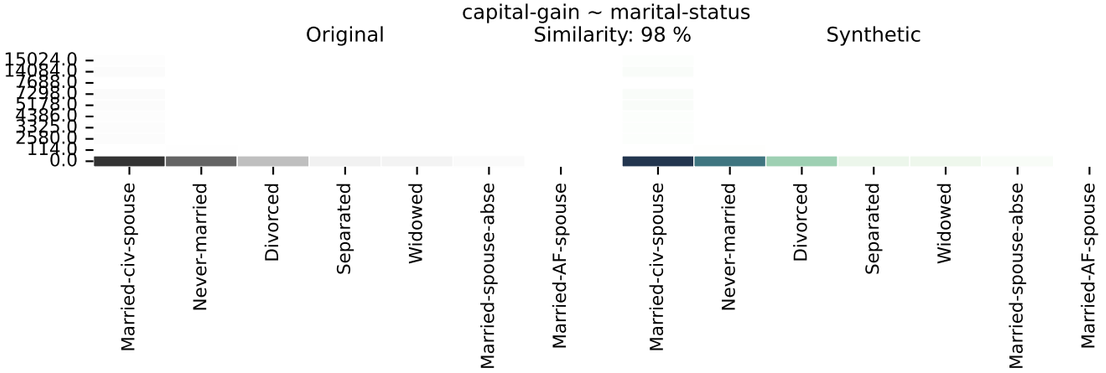

education-num ~ hours-per-week
Original
Similarity: 96 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

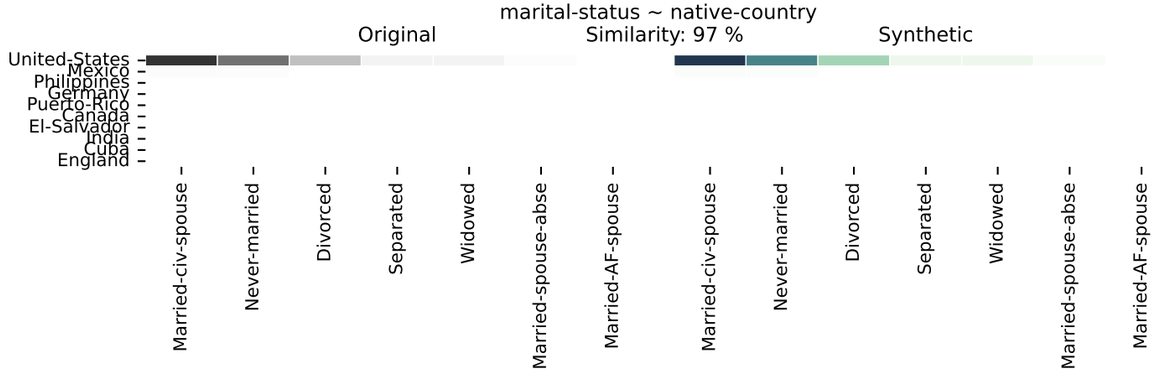

education-num ~ race
Original
Similarity: 98 %
Synthetic
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

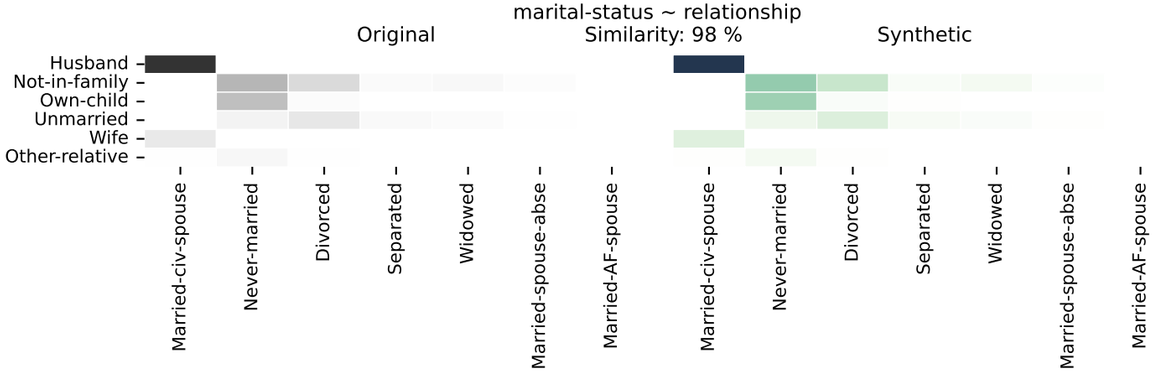

education-num ~ occupation
Original
Similarity: 96 %
Synthetic
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

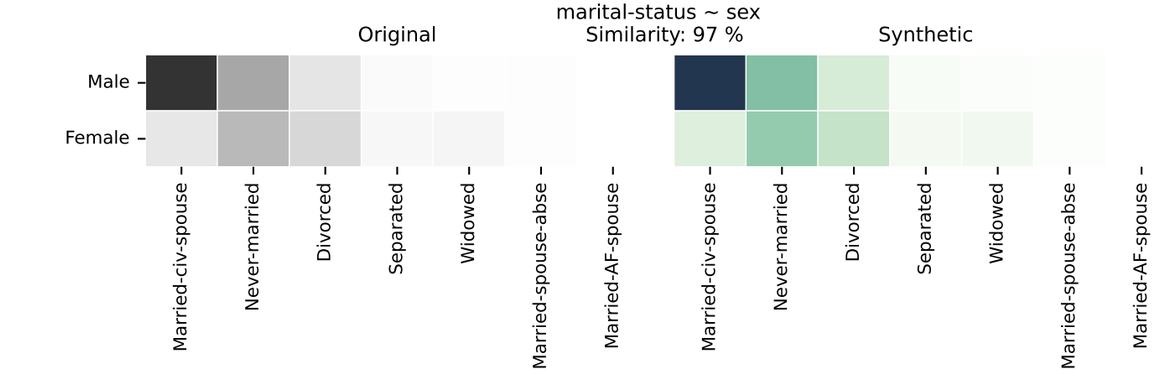

education-num ~ capital-loss
Original
Similarity: 98 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.66666667
1564.0
155.0
0.0
1.0
5.0
6.0
8.0
10.0
11.0
12.0
13.0
14.0

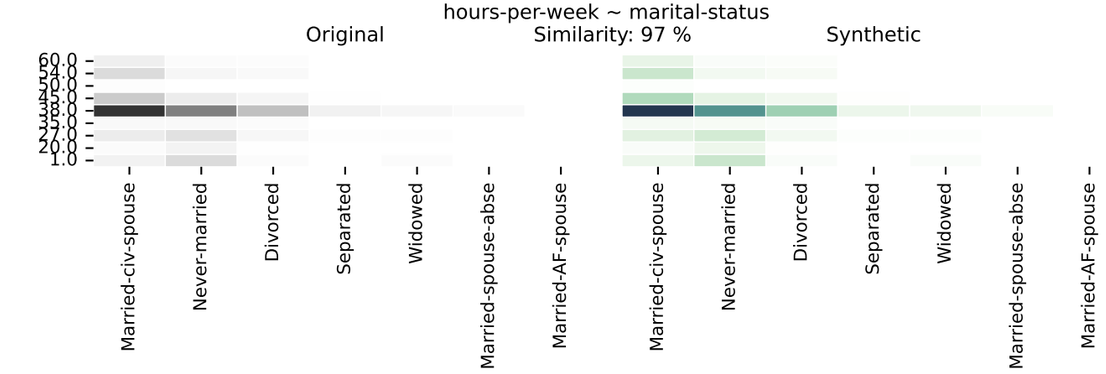

marital-status ~ Probability
Original
Similarity: 99 %
Synthetic
<=50K
>50K
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

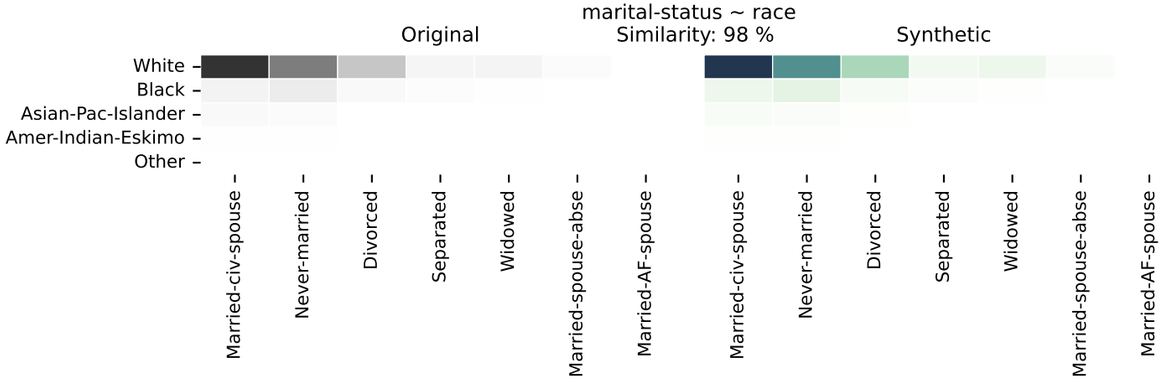

capital-gain ~ marital-status
Original
Similarity: 98 %
Synthetic
15024.0
14084.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

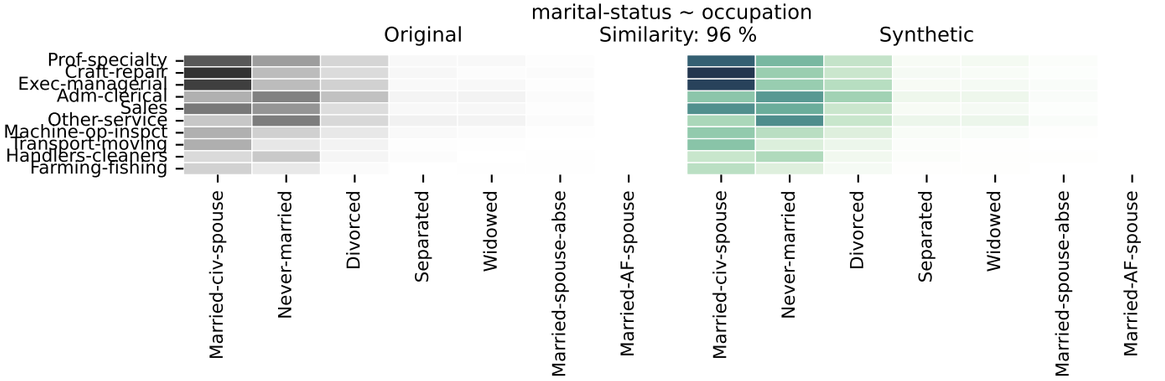

marital-status ~ native-country
Original
Similarity: 97 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

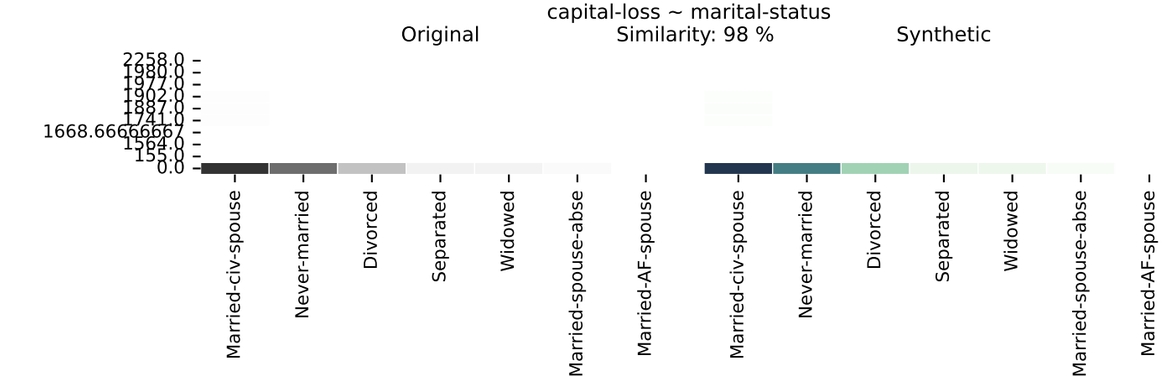

marital-status ~ relationship
Original
Similarity: 98 %
Synthetic
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

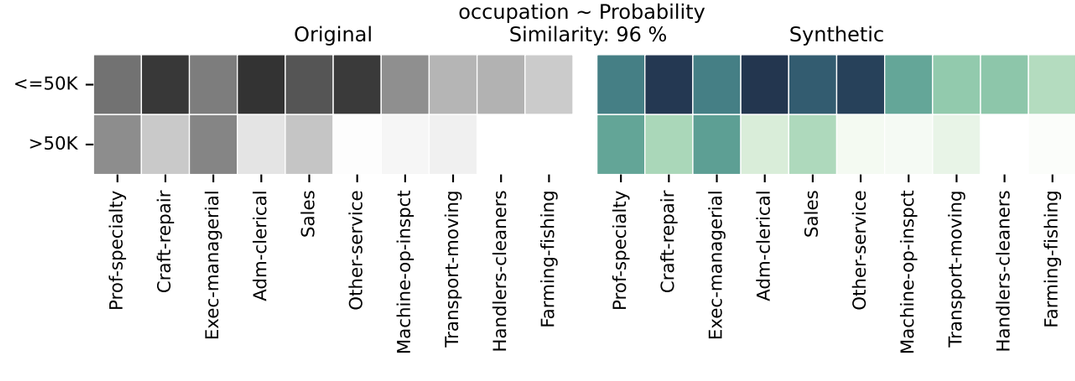

marital-status ~ sex
Original
Similarity: 97 %
Synthetic
Male
Female
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

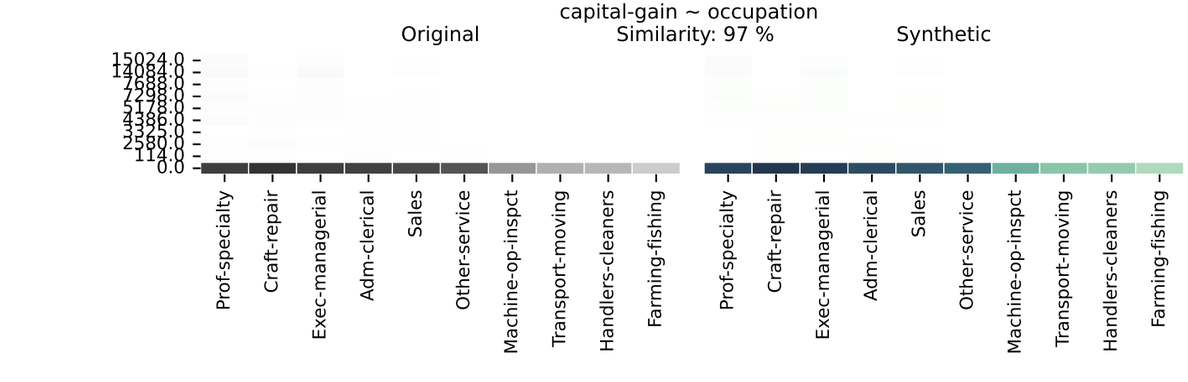

hours-per-week ~ marital-status
Original
Similarity: 97 %
Synthetic
60.0
54.0
50.0
45.0
40.0
38.0
35.0
27.0
20.0
1.0
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

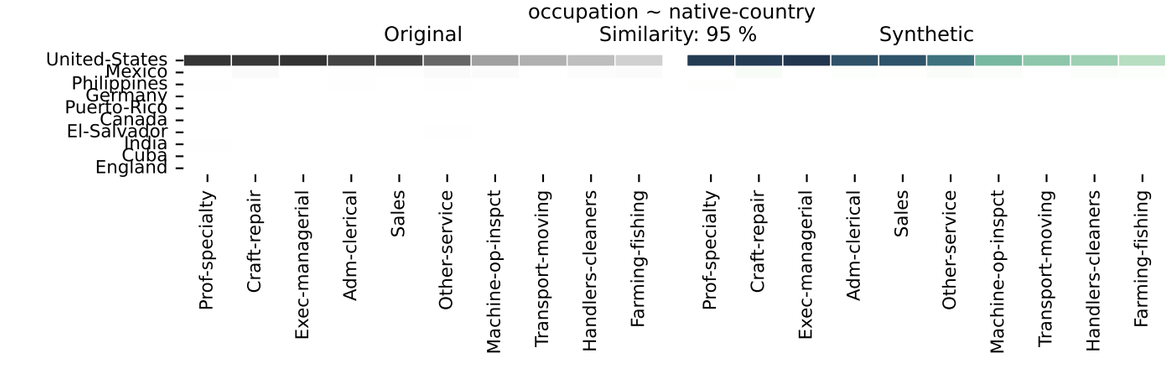

marital-status ~ race
Original
Similarity: 98 %
Synthetic
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

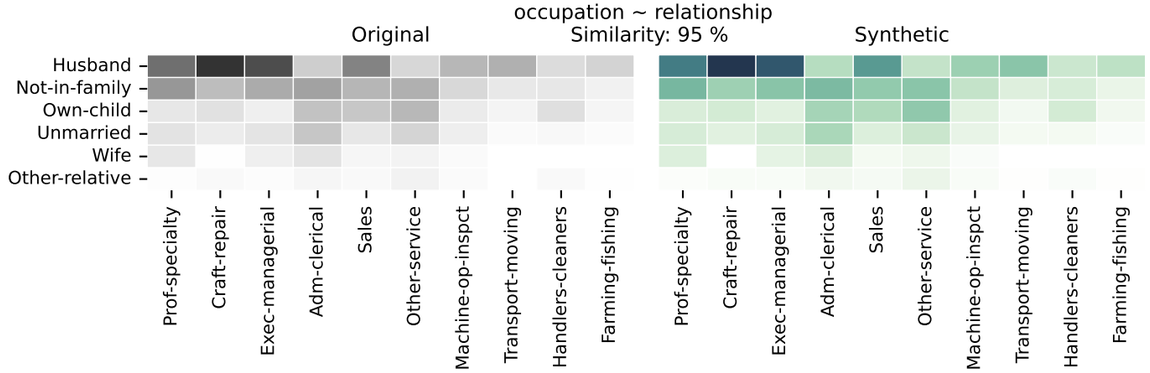

marital-status ~ occupation
Original
Similarity: 96 %
Synthetic
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

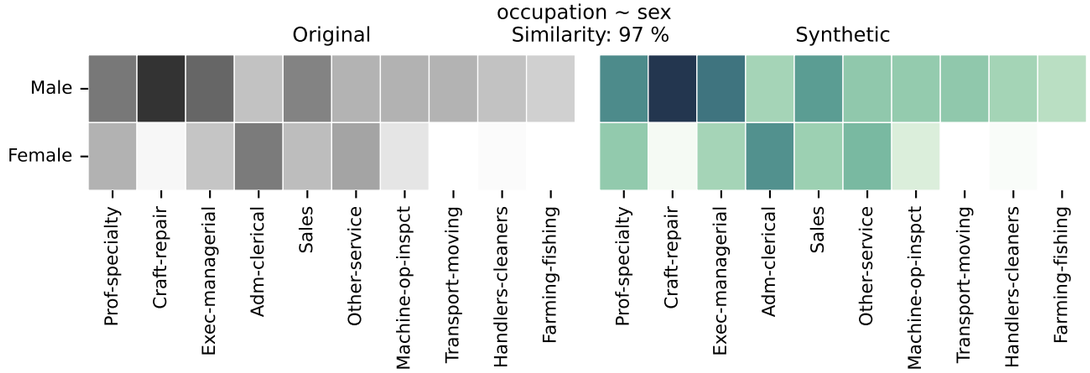

capital-loss ~ marital-status
Original
Similarity: 98 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.6666666667
1564.0
155.0
0.0
Married-civ-spouse
Never-married
Divorced
Separated
Widowed
Married-spouse-abse
Married-AF-spouse

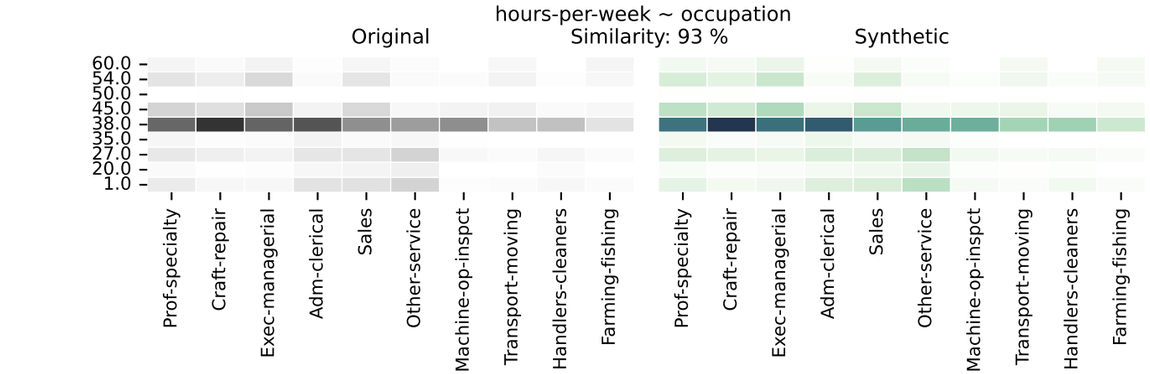

occupation ~ Probability
Original
Similarity: 96 %
Synthetic
<=50K
>50K
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing

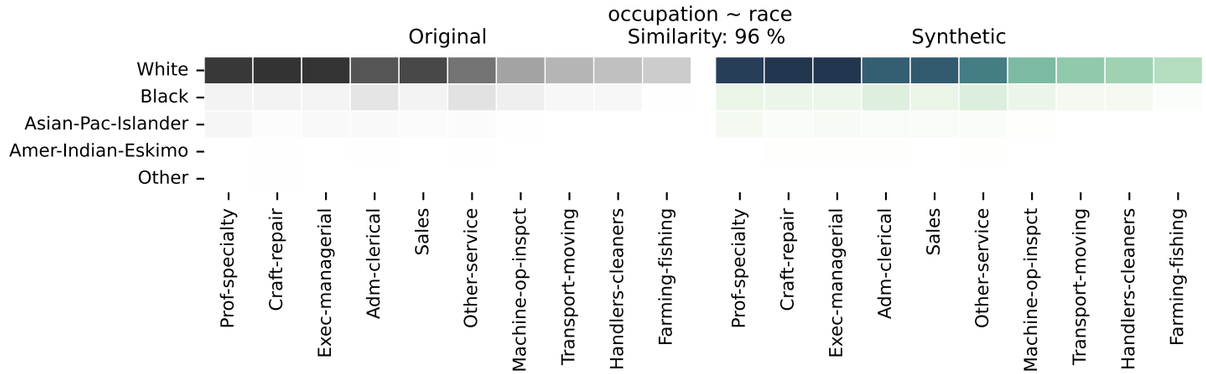

capital-gain ~ occupation
Original
Similarity: 97 %
Synthetic
15024.0
12967.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing

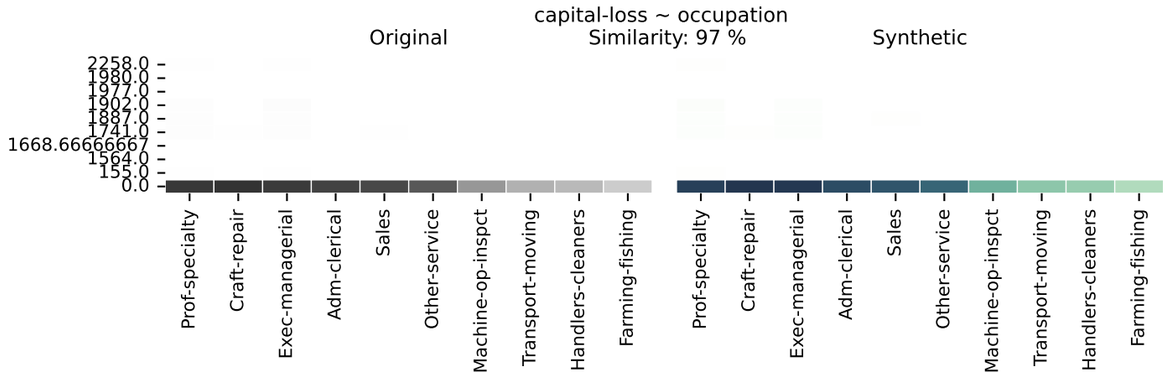

occupation ~ native-country
Original
Similarity: 95 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing

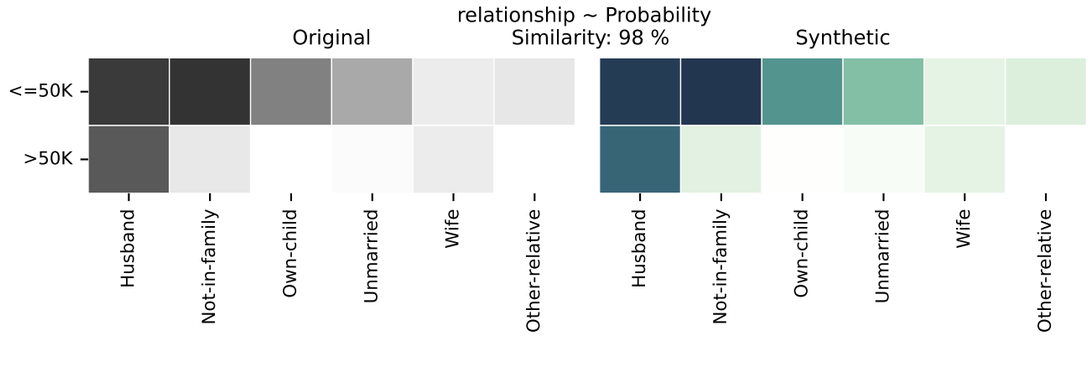

occupation ~ relationship
Original
Similarity: 95 %
Synthetic
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing

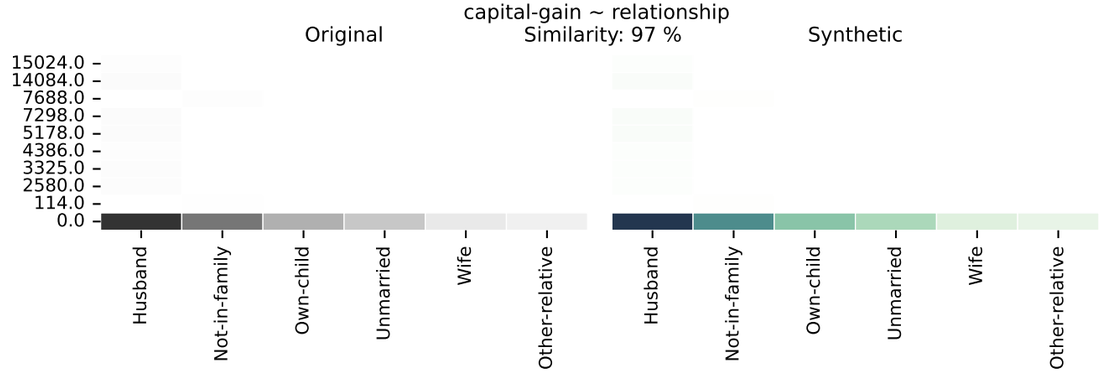

occupation ~ sex
Original
Similarity: 97 %
Synthetic
Male
Female
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing

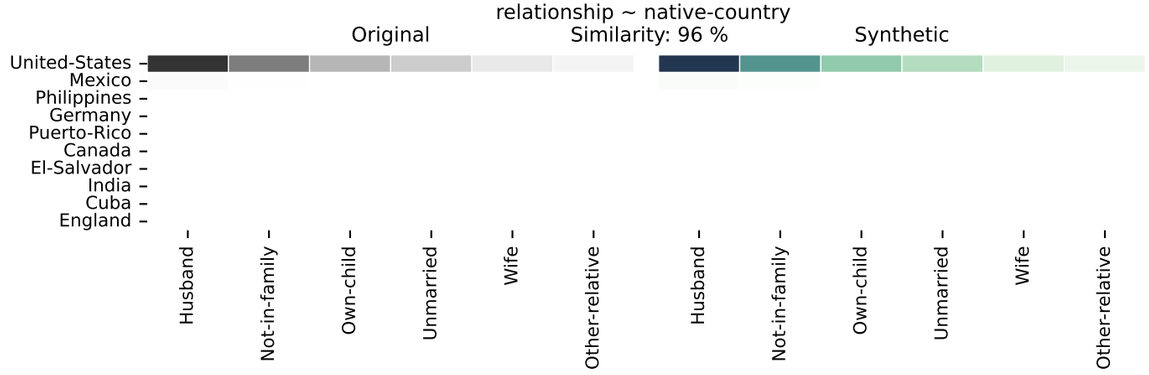

hours-per-week ~ occupation
Original
Similarity: 93 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing

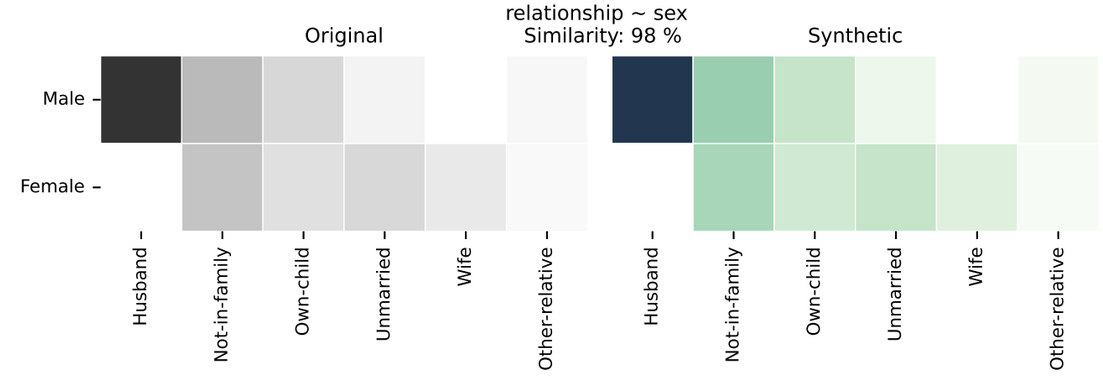

occupation ~ race
Original
Similarity: 96 %
Synthetic
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing

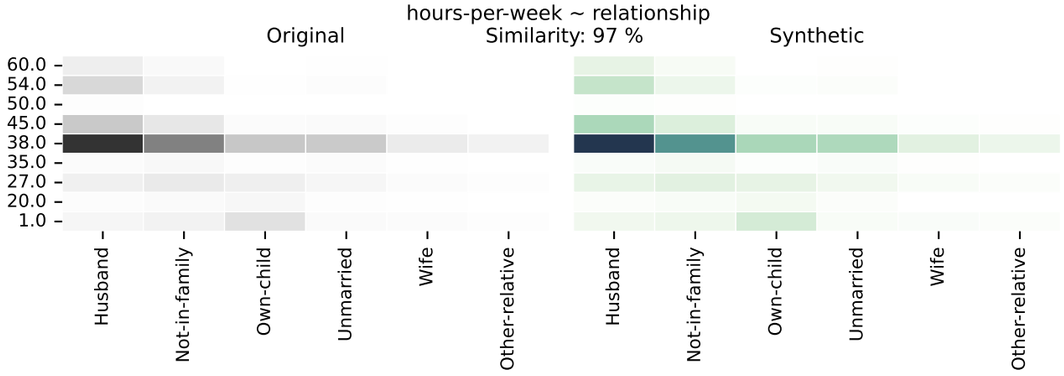

capital-loss ~ occupation
Original
Similarity: 97 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.6666666667
1564.0
155.0
0.0
Prof-specialty
Craft-repair
Exec-managerial
Adm-clerical
Sales
Other-service
Machine-op-inspct
Transport-moving
Handlers-cleaners
Farming-fishing

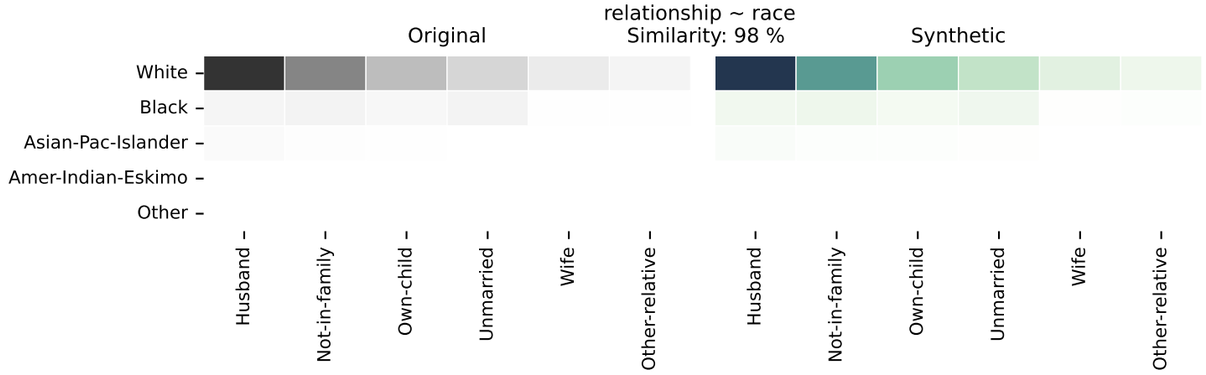

relationship ~ Probability
Original
Similarity: 98 %
Synthetic
<=50K
>50K
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative

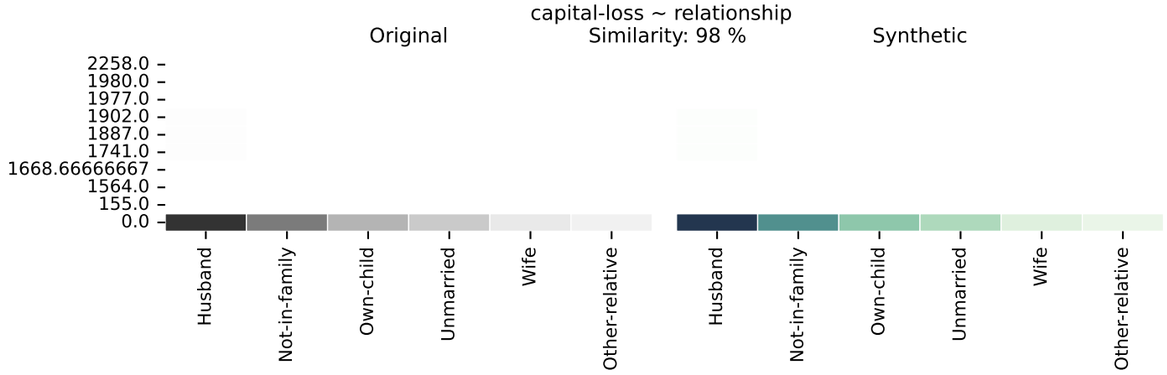

capital-gain ~ relationship
Original
Similarity: 97 %
Synthetic
15024.0
14084.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative

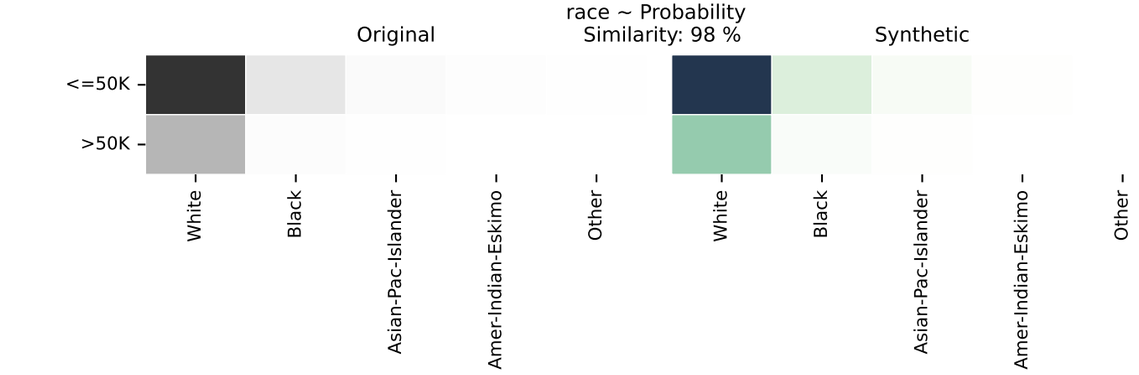

relationship ~ native-country
Original
Similarity: 96 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative

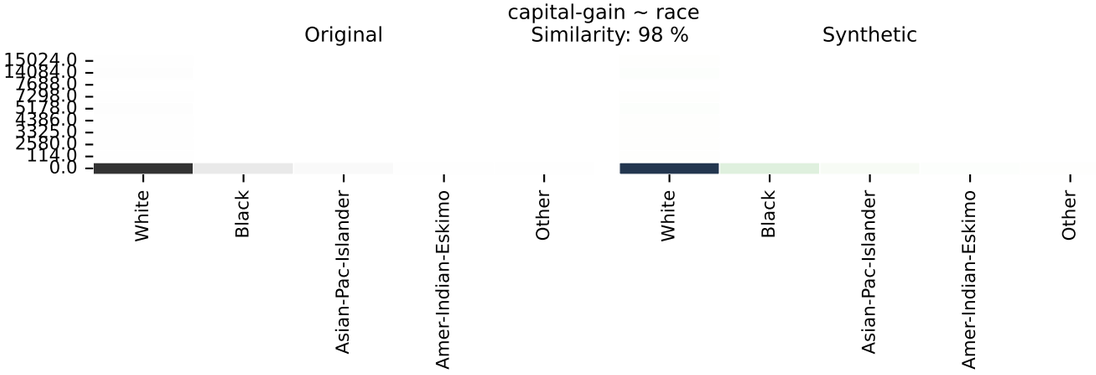

relationship ~ sex
Original
Similarity: 98 %
Synthetic
Male
Female
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative

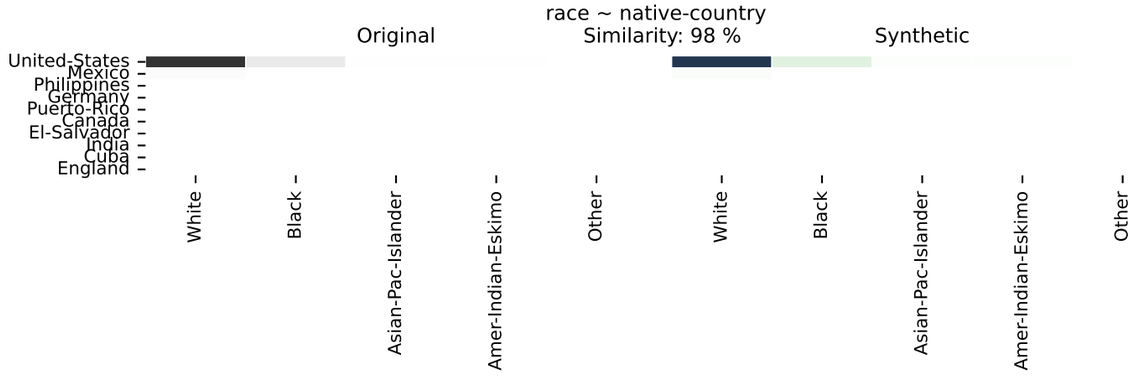

hours-per-week ~ relationship
Original
Similarity: 97 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative

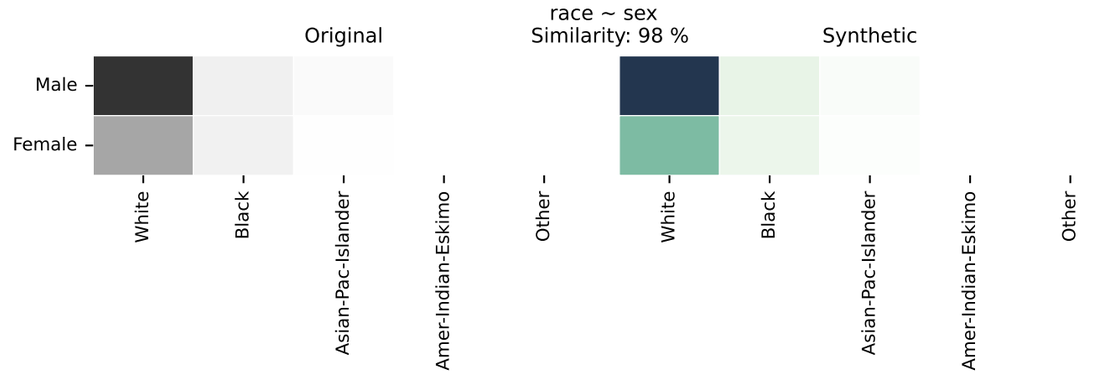

relationship ~ race
Original
Similarity: 98 %
Synthetic
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative

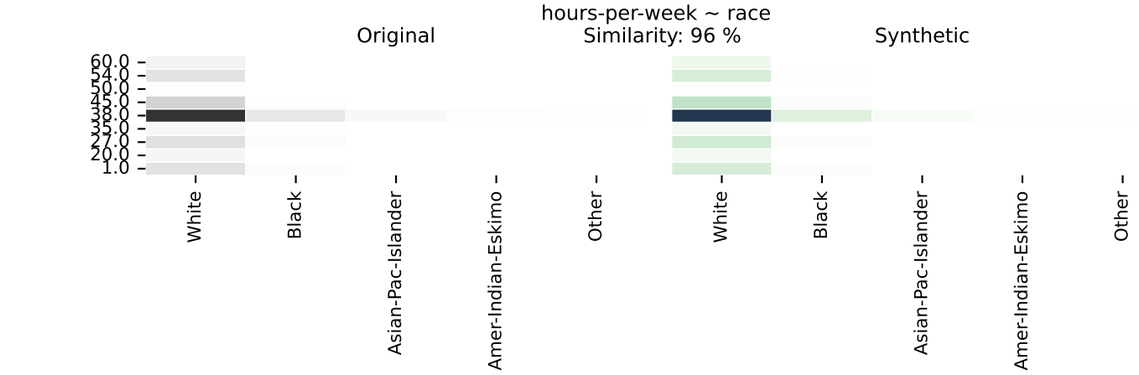

capital-loss ~ relationship
Original
Similarity: 98 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.66666667
1564.0
155.0
0.0
Husband
Not-in-family
Own-child
Unmarried
Wife
Other-relative

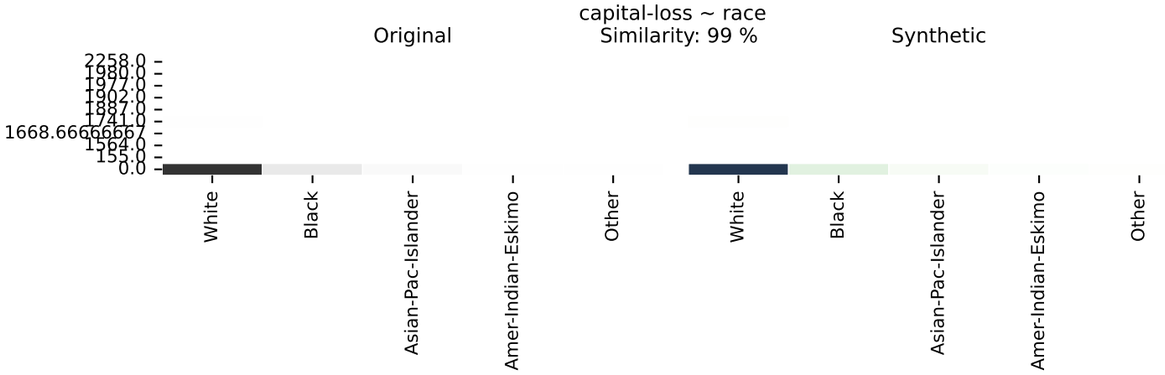

race ~ Probability
Original
Similarity: 98 %
Synthetic
<=50K
>50K
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other

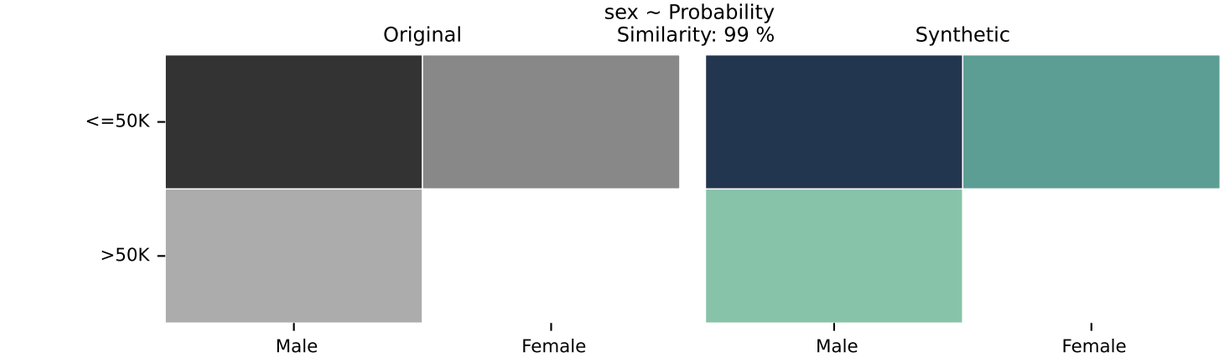

capital-gain ~ race
Original
Similarity: 98 %
Synthetic
15024.0
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other

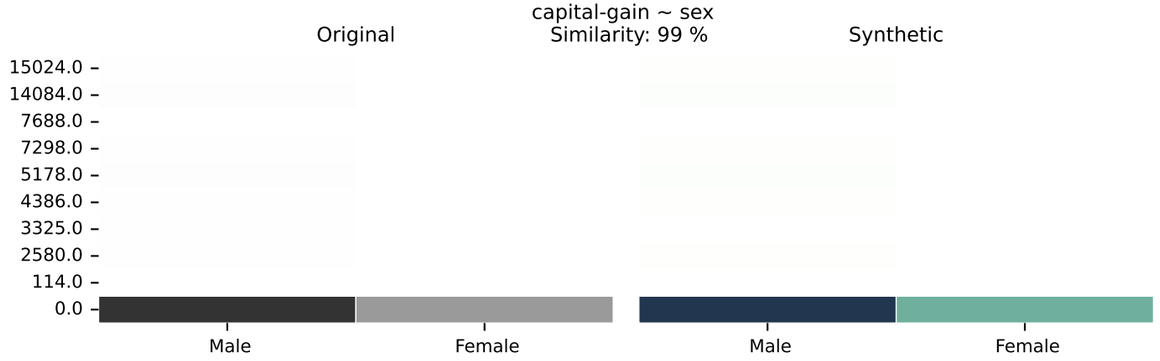

race ~ native-country
Original
Similarity: 98 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other

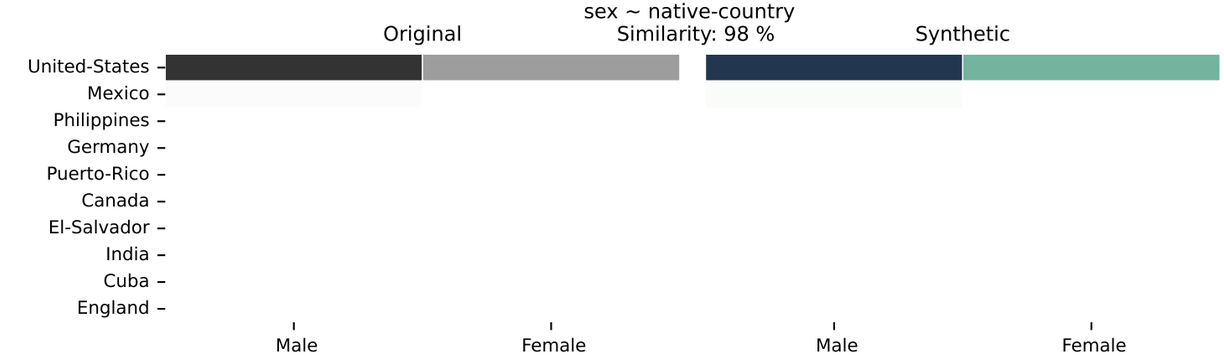

race ~ sex
Original
Similarity: 98 %
Synthetic
Male
Female
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other

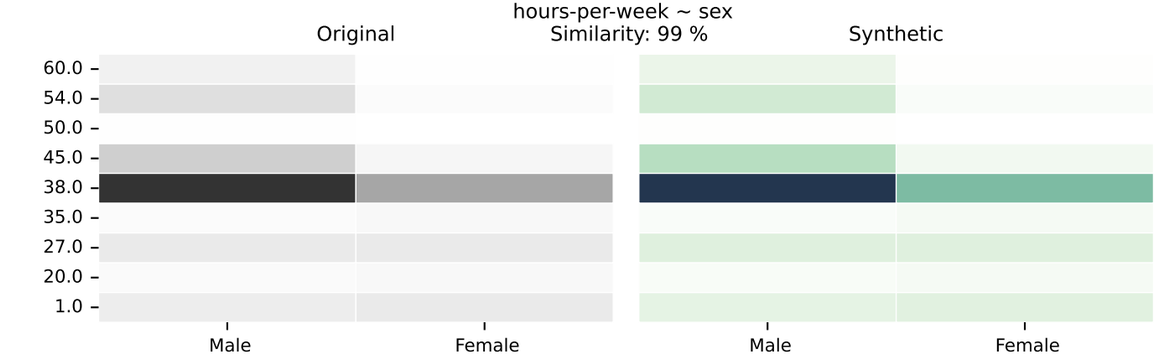

hours-per-week ~ race
Original
Similarity: 96 %
Synthetic
60.0
54.0
50.0
40.0
38.0
35.0
27.0
20.0
1.0
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other

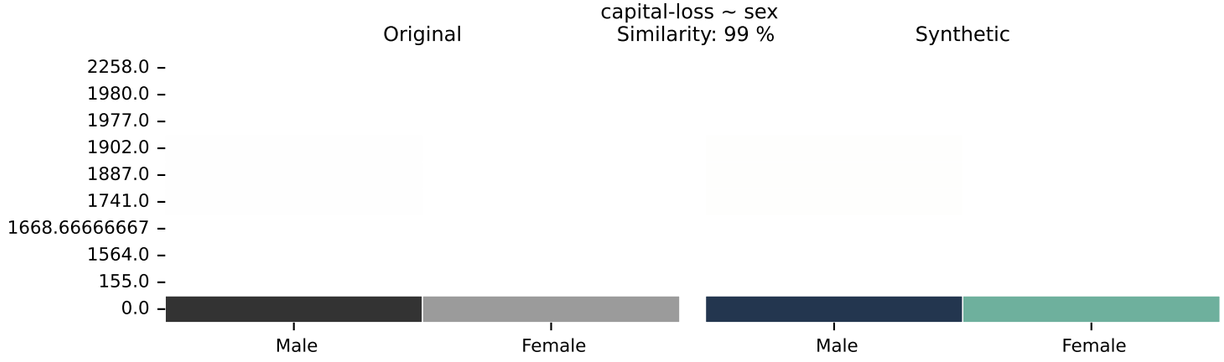

capital-loss ~ race
Original
Similarity: 99 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.6666666667
1564.0
155.0
0.0
White
Black
Asian-Pac-Islander
Amer-Indian-Eskimo
Other

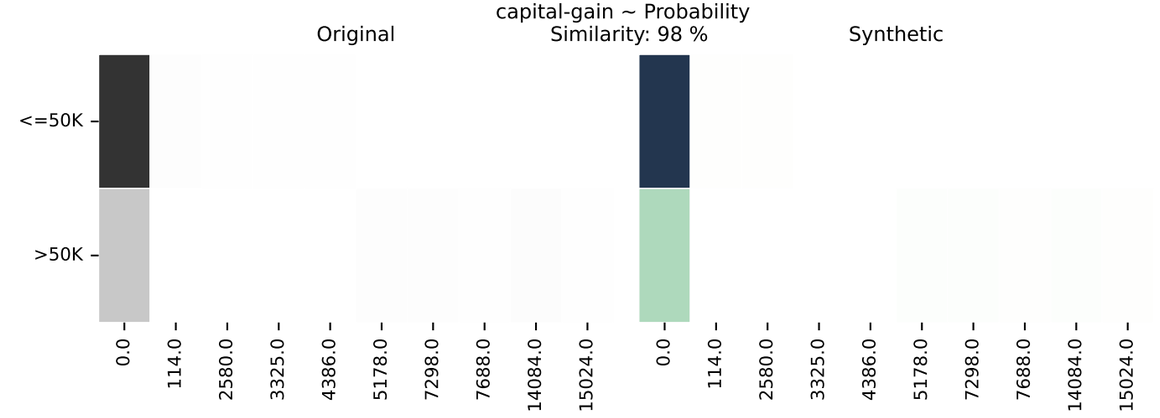

sex ~ Probability
Original
Similarity: 99 %
Synthetic
<=50K
>50K
Male
Female
Male
Female

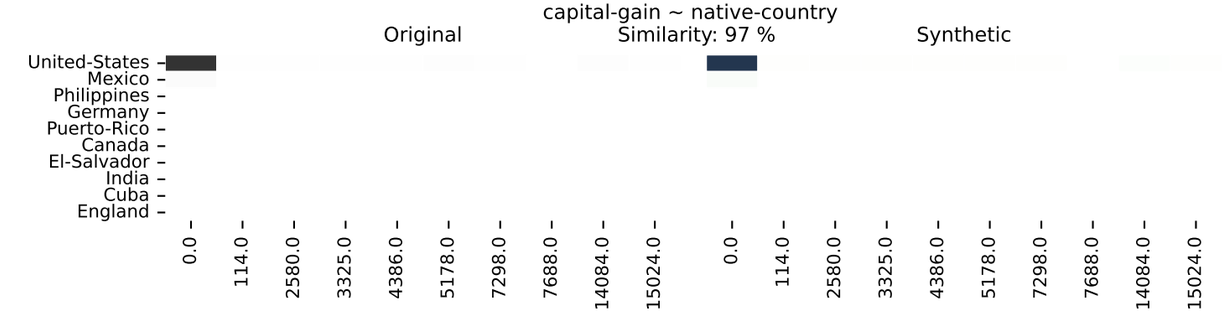

capital-gain ~ sex
Original
Similarity: 99 %
Synthetic
15024.0
14084.0
7688.0
7298.0
5178.0
4386.0
3325.0
2580.0
114.0
0.0
Male
Female
Male
Female


sex ~ native-country
Original
Similarity: 98 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
Male
Female
Male
Female


hours-per-week ~ sex
Original
Similarity: 99 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
Male
Female
Male
Female


capital-loss ~ sex
Original
Similarity: 99 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.66666667
1564.0
155.0
0.0
Male
Female
Male
Female


capital-gain ~ Probability
Original
Similarity: 98 %
Synthetic
<=50K
>50K
0.0
114.0
2580.0
3325.0
4386.0
5178.0
7298.0
7688.0
14084.0
15024.0
0.0
114.0
2580.0
3325.0
4386.0
5178.0
7298.0
7688.0
14084.0
15024.0


capital-gain ~ native-country
Original
Similarity: 97 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
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2580.0
3325.0
4386.0
5178.0
7298.0
7688.0
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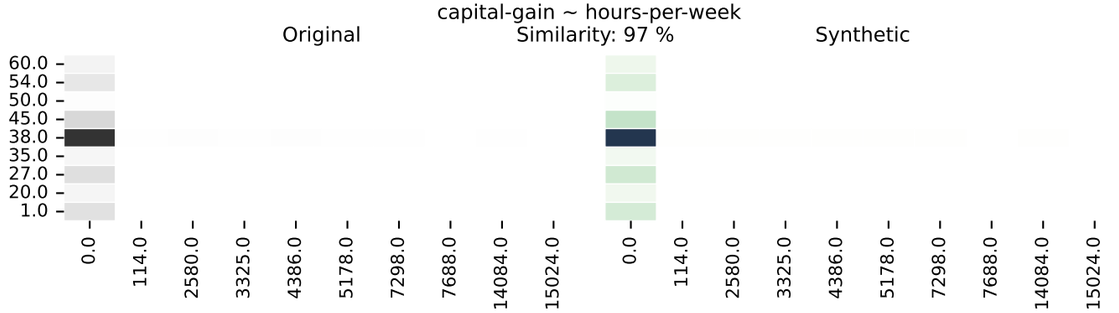
capital-gain ~ hours-per-week
Original
Similarity: 97 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
0.0
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2580.0
3325.0
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7298.0
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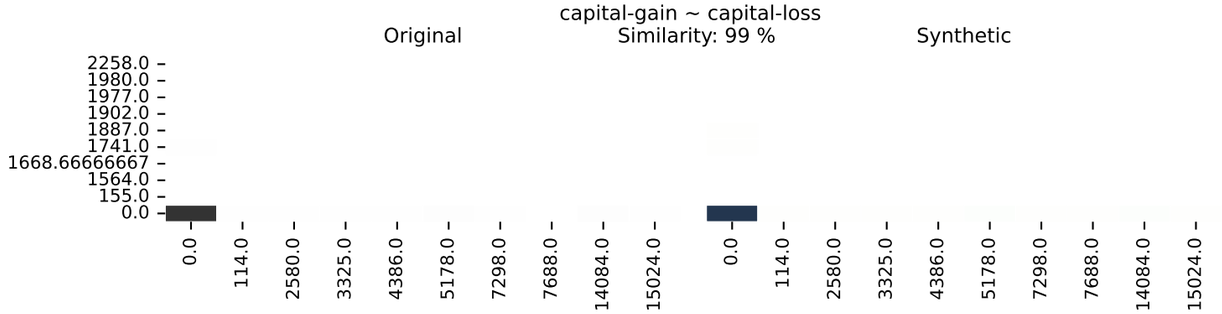
capital-gain ~ capital-loss
Original
Similarity: 99 %
Synthetic
2258.0
1980.0
1977.0
1902.0
1887.0
1741.0
1668.66666667
1564.0
155.0
0.0
114.0
2580.0
3325.0
4386.0
5178.0
7298.0
7688.0
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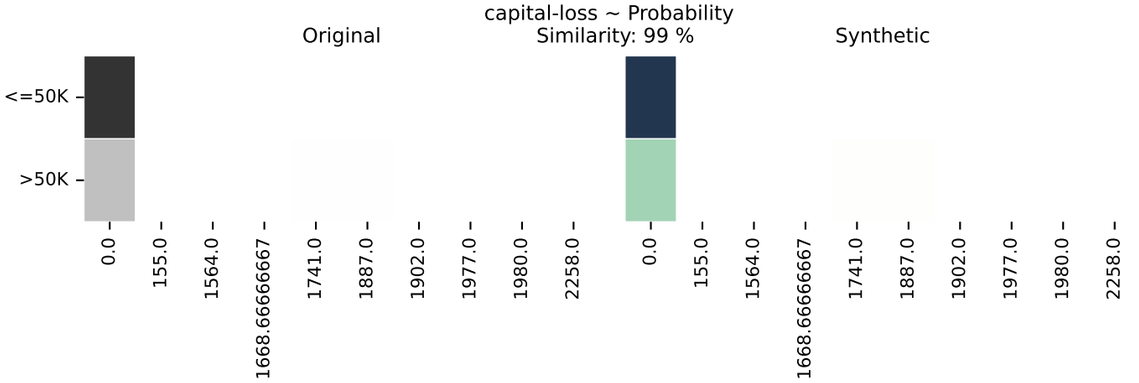
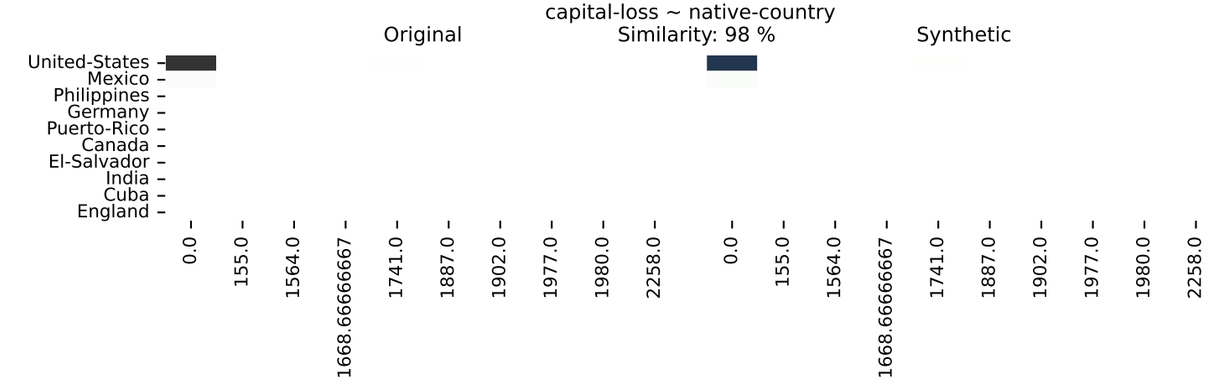
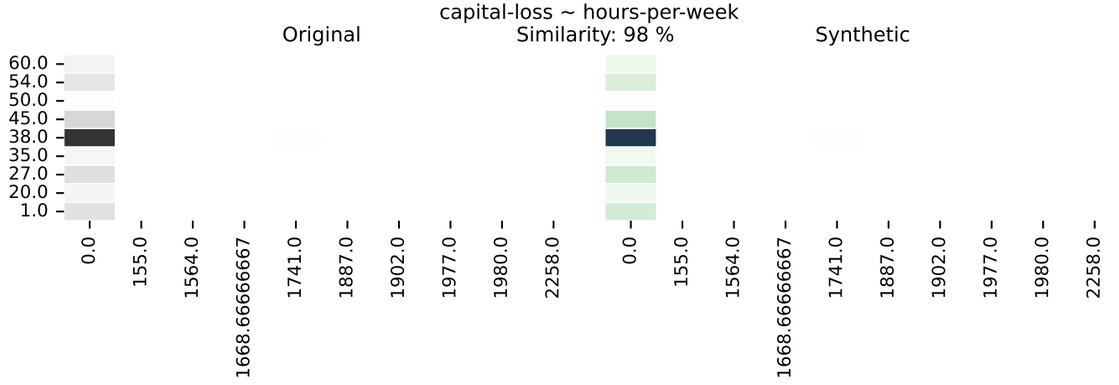
15024.0


capital-loss ~ Probability
Original
Similarity: 99 %
Synthetic
<=50K
>50K
0.0
155.0
1564.0
1668.66666667
1741.0
1887.0
1902.0
1977.0
1980.0
2258.0


capital-loss ~ native-country
Original
Similarity: 98 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
0.0
155.0
1564.0
1668.66666667
1741.0
1887.0
1902.0
1977.0
1980.0
2258.0


capital-loss ~ hours-per-week
Original
Similarity: 98 %
Synthetic
60.0
54.0
50.0
45.0
38.0
35.0
27.0
20.0
1.0
0.0
155.0
1564.0
1668.66666667
1741.0
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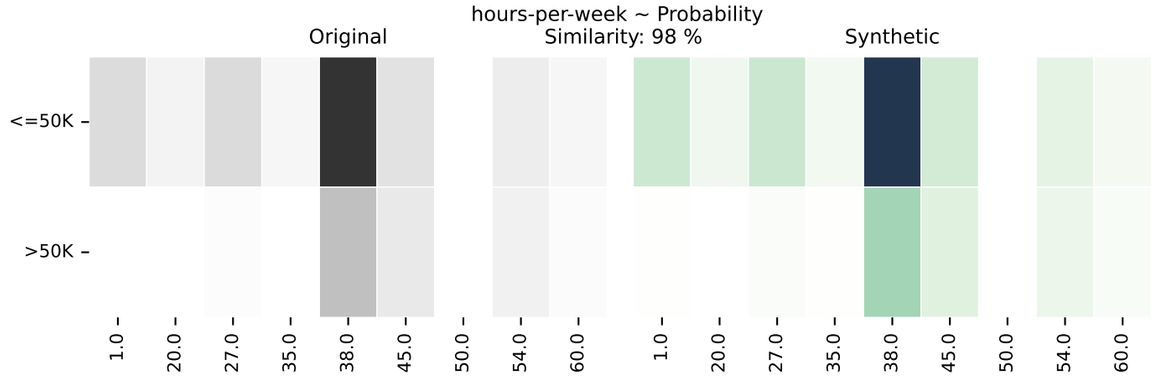
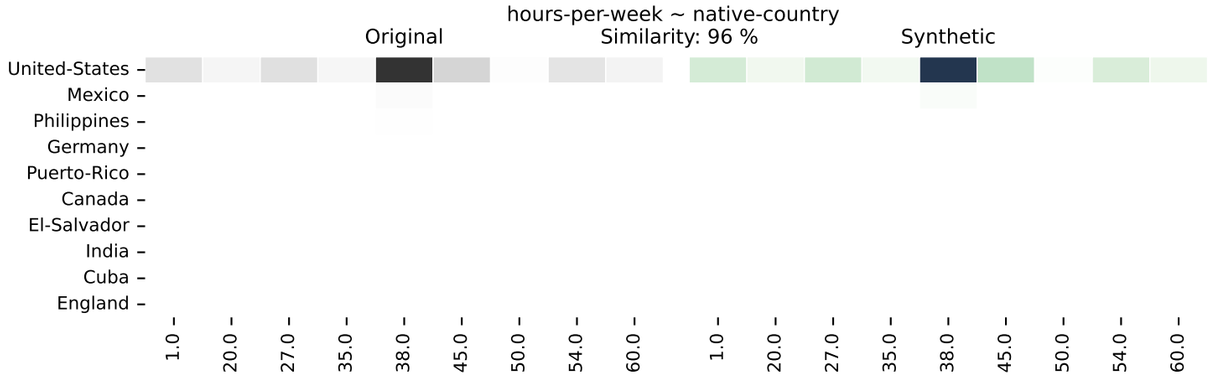
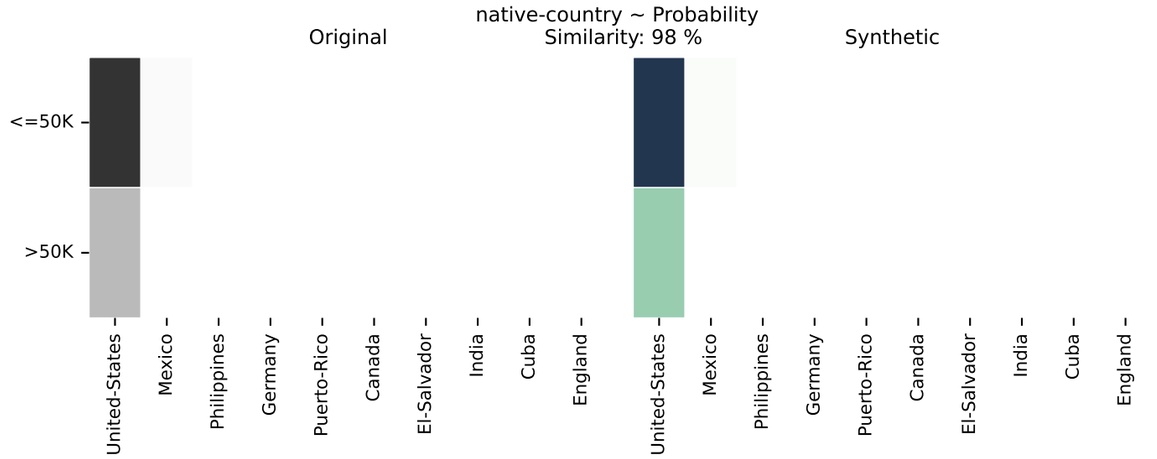
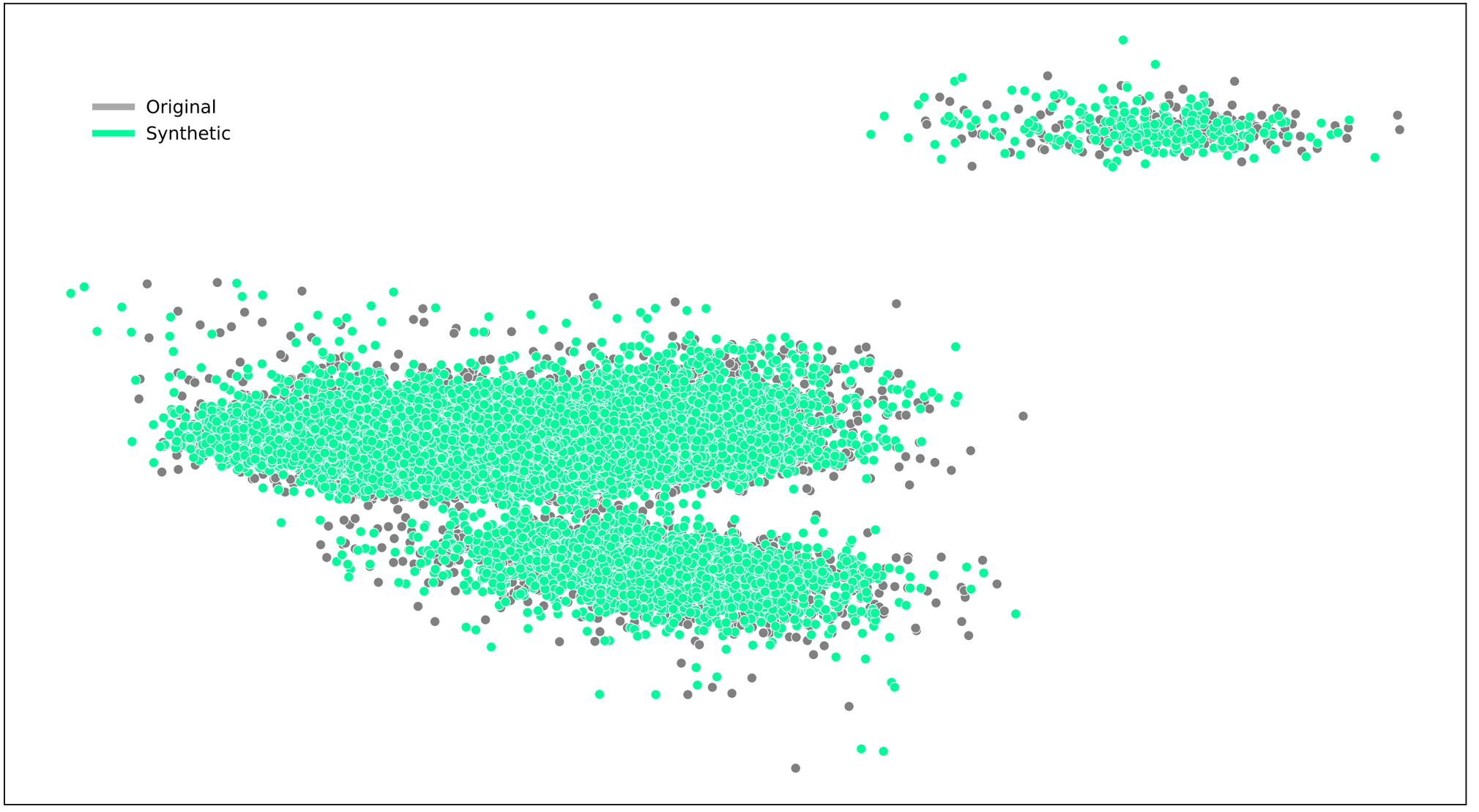
1902.0
1977.0
1980.0
2258.0


hours-per-week ~ Probability
Original
Similarity: 98 %
Synthetic
<=50K
>50K
1.0
20.0
27.0
35.0
38.0
45.0
50.0
54.0
60.0


hours-per-week ~ native-country
Original
Similarity: 96 %
Synthetic
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England
1.0
20.0
27.0
35.0
38.0
45.0
50.0
54.0
60.0


native-country ~ Probability
Original
Similarity: 98 %
Synthetic
<=50K
>50K
United-States
Mexico
Philippines
Germany
Puerto-Rico
Canada
El-Salvador
India
Cuba
England

Principal Component Analysis


Original
Synthetic