Input specification

1. Input data
- Data
  - » Records: 30162
  - » Attributes: 9

2. Attributes and transformations
- Insensitive attributes
  - » None
- Sensitive attributes
  - » None
- Identifying attributes
  - » None
- Quasi-identifying attributes
  - » education: String
  - » workclass: String
  - » occupation: String
  - » salary-class: String
  - » race: String
  - » native-country: String
  - » sex: String
  - » marital-status: String
  - » age: String
- Response variables
  - » None
- Generalization hierarchy
  - » Attribute: education
  - » Height: 4
  - » Minimum level: 0
  - » Maximum level: 3
- Generalization hierarchy
  - » Attribute: workclass
  - » Height: 3
  - » Minimum level: 0
  - » Maximum level: 2
- Generalization hierarchy
  - » Attribute: occupation
  - » Height: 3
  - » Minimum level: 0
  - » Maximum level: 2
- Generalization hierarchy
  - » Attribute: salary-class
  - » Height: 2
  - » Minimum level: 0
  - » Maximum level: 1
- Generalization hierarchy
  - » Attribute: race
  - » Height: 2
  - » Minimum level: 0
  - » Maximum level: 1

- Generalization hierarchy
  - » Attribute: native-country
  - » Height: 3
  - » Minimum level: 0
  - » Maximum level: 2
- Generalization hierarchy
  - » Attribute: sex
  - » Height: 2
  - » Minimum level: 0
  - » Maximum level: 1
- Generalization hierarchy
  - » Attribute: marital-status
  - » Height: 3
  - » Minimum level: 0
  - » Maximum level: 2
- Generalization hierarchy
  - » Attribute: age
  - » Height: 5
  - » Minimum level: 0
  - » Maximum level: 4

3. Configuration
- Weights
  - » education: 0.5
  - » workclass: 0.5
  - » occupation: 0.5
  - » salary-class: 0.5
  - » race: 0.5
  - » native-country: 0.5
  - » sex: 0.5
  - » marital-status: 0.5
  - » age: 0.5
- Settings
  - » Assume monotonicity: No
  - » Suppression limit: 1.0
- Risk thresholds
  - » Prosecutor risk: 0.2
  - » Journalist risk: 0.2
  - » Marketer risk: 0.2

Output properties

1. Output data
- Data
  - » Records: 30162
  - » Attributes: 9
- Checksum
  - » SHA-256:
    93fcc7abe9670e3a5947717e3176cf07e3421a0db62cea8abd17dfe1f8f3fdb9

2. Solutions

- Search space
  - » Size: 12960
  - » Materialized: 4750

3. Transformation
- Transformation
  - » Anonymity: Yes
  - » Minimum information loss: 0.22041192847984292
  - » Maximum information loss: 0.22041192847984292
    - Generalization scheme
      - » sex: 0/1
      - » age: 3/4
      - » race: 0/1
      - » marital-status: 0/2
      - » education: 2/3
      - » native-country: 1/2
      - » workclass: 1/2
      - » occupation: 1/2
      - » salary-class: 0/1

4. Data quality model
- Loss
  - » Aggregate function: Geometric mean
  - » Monotonic: No
  - » Generalization factor: 1.0
  - » Suppression factor: 1.0

5. Privacy models
- k-Anonymity
  - » Threshold (k): 5