

Input specification

1. Input data

- Data
 - » Records: 200
 - » Attributes: 10

2. Attributes and transformations

- Insensitive attributes
 - » None
- Sensitive attributes
 - » race: String
- Identifying attributes
 - » idx: String
- Quasi-identifying attributes
 - » zipCode: String
 - » CK:unit/L: String
 - » sex: String
 - » deathDate: String
 - » state: String
 - » diagDate: String
 - » birthDate: String
 - » age: String
- Response variables
 - » None
- Generalization hierarchy
 - » Attribute: zipCode
 - » Height: 3
 - » Minimum level: 0
 - » Maximum level: 2
- Generalization hierarchy
 - » Attribute: CK:unit/L
 - » Height: 3
 - » Minimum level: 0
 - » Maximum level: 2
- Generalization hierarchy
 - » Attribute: sex
 - » Height: 2
 - » Minimum level: 0
 - » Maximum level: 1
- Generalization hierarchy
 - » Attribute: deathDate
 - » Height: 3
 - » Minimum level: 0
 - » Maximum level: 2
- Generalization hierarchy
 - » Attribute: state
 - » Height: 3
 - » Minimum level: 0
 - » Maximum level: 2
- Generalization hierarchy

- » Attribute: diagDate
- » Height: 3
- » Minimum level: 0
- » Maximum level: 2
- Generalization hierarchy
 - » Attribute: birthDate
 - » Height: 3
 - » Minimum level: 0
 - » Maximum level: 2
- Generalization hierarchy
 - » Attribute: age
 - » Height: 5
 - » Minimum level: 0
 - » Maximum level: 4

3. Configuration

- Weights
 - » zipCode: 0.5
 - » CK:unit/L: 1.0
 - » race: 0.5
 - » sex: 0.5
 - » deathDate: 0.5
 - » state: 0.5
 - » idx: 0.5
 - » diagDate: 0.5
 - » birthDate: 0.5
 - » age: 0.5
- Settings
 - » Assume monotonicity: No
 - » Suppression limit: 1.0
- Risk thresholds
 - » Prosecutor risk: 0.09090909090909091
 - » Journalist risk: 0.09090909090909091
 - » Marketer risk: 0.09090909090909091

Output properties

1. Output data

- Data
 - » Records: 200
 - » Attributes: 10
- Checksum
 - » SHA-256:
1798726c867cf1af945e3c7f3f559f2274c75dc5ccdb75d9cc74779c1ac1f642

2. Solutions

- Search space
 - » Size: 7290
 - » Materialized: 7290

3. Transformation

- Transformation
 - » Anonymity: Yes
 - » Minimum information loss: 4982.2914351892505
 - » Maximum information loss: 4982.2914351892505
 - Generalization scheme
 - » age: 4/4
 - » state: 2/2
 - » zipCode: 2/2
 - » sex: 0/1
 - » birthDate: 2/2
 - » diagDate: 2/2
 - » deathDate: 0/2
 - » CK:unit/L: 2/2

4. Data quality model

- Non-uniform entropy
 - » Aggregate function: Sum
 - » Monotonic: No
 - » Generalization factor: 1.0
 - » Suppression factor: 1.0

5. Privacy models

- k-Anonymity
 - » Threshold (k): 11
- t-Closeness
 - » Attribute: race
 - » Threshold (t): 0.5
 - » Distance: Hierarchical