

## Variable names and labels for Factors Associated with Elevated Blood Pressure Dataset

---

### num

participant number

---

type: numeric (float)

range: [1,902] units: 1  
unique values: 898 missing .: 0/898

mean: 452.213  
std. dev: 260.802

percentiles: 10% 25% 50% 75% 90%  
90 226 453.5 678 813

---

### q112age

age at last birthday

---

type: numeric (byte)

range: [18,20] units: 1  
unique values: 3 missing .: 0/898

tabulation: Freq. Value  
283 18  
525 19  
90 20

---

### q71wgt

weight (kg)

---

type: numeric (float)

range: [38.1,140] units: .1  
unique values: 436 missing .: 0/898

mean: 66.3664  
std. dev: 15.5442

percentiles: 10% 25% 50% 75% 90%  
49.3 55.7 64.4 73.4 84.7

---

### q72hgt

height (cm)

---

type: numeric (float)

range: [141,208] units: .1  
unique values: 325 missing .: 0/898

mean: 169.61  
std. dev: 9.10536

percentiles: 10% 25% 50% 75% 90%  
157.8 162.5 169.45 176.4 181.7

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### q1117cre

creatinine (mmol/l)

---

type: numeric (float)  
range: [5.2,512] units: .1  
unique values: 90 missing .: 45/898  
mean: 67.6558  
std. dev: 24.6935  
percentiles: 10% 25% 50% 75% 90%  
42.1 53.9 66.9 82.4 92.1

---

### waist\_idf

central obesity (IDF cutpoints)

---

type: numeric (float)  
label: true  
range: [0,1] units: 1  
unique values: 2 missing .: 1/898  
tabulation: Freq. Numeric Label  
757 0 No  
140 1 Yes  
1 .

---

### lowhdl

Low HDL

---

type: numeric (float)  
label: true  
range: [0,1] units: 1  
unique values: 2 missing .: 50/898  
tabulation: Freq. Numeric Label  
449 0 No  
399 1 Yes  
50 .

---

### bmi

Body Mass Index

---

type: numeric (float)  
range: [13.922607,50.561672] units: 1.000e-06  
unique values: 891 missing .: 0/898  
mean: 23.0343  
std. dev: 5.03713  
percentiles: 10% 25% 50% 75% 90%  
18.4381 19.7863 21.7339 24.9958 29.0832

---

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### **bmicat4**

Obese and others

---

```
type: numeric (float)
label: bmicats1

range: [1,6]
unique values: 4

units: 1
missing .: 0/898

tabulation: Freq.  Numeric  Label
              96      1 <18.5 kg/m.sq.
              578     2 18.5-24.99 kg/m.sq
              150     3 25-29.99 kg/m.sq
              74      6 >=30 kg/m.sq
```

---

### **mn23sbp2**

systolic blood pressure

---

```
type: numeric (float)

range: [86,159]
unique values: 59

units: 1
missing .: 0/898

mean: 110.323
std. dev: 10.1265

percentiles: 10% 25% 50% 75% 90%
              98 103 110 116 123
```

---

### **mn23dbp2**

diastolic bloos pressure

---

```
type: numeric (float)

range: [27,125]
unique values: 61

units: .1
missing .: 0/898

mean: 67.9488
std. dev: 9.79945

percentiles: 10% 25% 50% 75% 90%
              56 61 69 74 80
```

---

### **waistcirc2**

waist circumference (cm)

---

```
type: numeric (float)

range: [39.799999,167]
unique values: 567

units: 1.000e-06
missing .: 1/898

mean: 74.4641
std. dev: 11.5376

percentiles: 10% 25% 50% 75% 90%
              63.6333 67.1 72 78.8 88.5667
```

---

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### hipcirc

hip circumference

---

```
type: numeric (float)
range: [30.799999,147.10001]      units: 1.000e-06
unique values: 549                missing .: 0/898

mean: 95.4806
std. dev: 10.1584

percentiles:    10%    25%    50%    75%    90%
                85.4    88.7    93.4667  99.8    109.2
```

---

### whr

Waist-to-Hip Ratio

---

```
type: numeric (float)
range: [.27056423,3.6255412]     units: 1.000e-08
unique values: 889                missing .: 1/898

mean: .780465
std. dev: .117582

percentiles:    10%    25%    50%    75%    90%
                .713648 .742794 .77095 .806329 .841
```

---

### inc\_ldl

High LDL

---

```
type: numeric (float)
label: true
range: [0,1]                      units: 1
unique values: 2                   missing .: 55/898

tabulation:  Freq.  Numeric  Label
              786    0        No
              57     1        Yes
              55     .
```

---

### fastglu

fasting glucose

---

```
type: numeric (float)
range: [3.1,11.2]                 units: .1
unique values: 31                  missing .: 33/898

mean: 4.57225
std. dev: .488353

percentiles:    10%    25%    50%    75%    90%
                4      4.3    4.5    4.8    5.1
```

---

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### **fast\_ins**

fasting insulin

---

```
type: numeric (float)
range: [2,79.4]          units: .1
unique values: 164      missing .: 115/898
mean: 6.93831
std. dev: 5.87429
percentiles:    10%    25%    50%    75%    90%
                2      3.3    5.8    8.8    12.6
```

---

### **fast\_chol**

fasting cholesterol

---

```
type: numeric (float)
range: [1.7,8.5]        units: .1
unique values: 51      missing .: 32/898
mean: 4.3343
std. dev: .872596
percentiles:    10%    25%    50%    75%    90%
                3.3    3.7    4.2    4.8    5.5
```

---

### **fast\_hdl**

fasting HDL

---

```
type: numeric (float)
range: [.42,2.5]        units: .01
unique values: 125     missing .: 50/898
mean: 1.20079
std. dev: .279558
percentiles:    10%    25%    50%    75%    90%
                .89    1.01   1.16   1.35   1.55
```

---

### **fast\_ldl**

fasting LDL

---

```
type: numeric (float)
range: [1.0111927,7.1616516] units: 1.000e-07
unique values: 833     missing .: 55/898
mean: 2.87316
std. dev: .785512
percentiles:    10%    25%    50%    75%    90%
                1.97651 2.33642 2.7856 3.33101 3.91761
```

---

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### fast\_trig

fasting triglycerides

---

```
type: numeric (float)
range: [.15,2.58]          units: .01
unique values: 120        missing .: 32/898
mean: .581351
std. dev: .262237
percentiles:      10%    25%    50%    75%    90%
                  .32    .4    .53    .7    .9
```

---

### htn

Hypertensive

---

```
type: numeric (float)
label: true
range: [0,1]          units: 1
unique values: 2      missing .: 0/898
tabulation:  Freq.  Numeric  Label
              886    0        No
              12     1        Yes
```

---

### smoke\_current

currently smokes cigarettes

---

```
type: numeric (float)
label: true
range: [0,1]          units: 1
unique values: 2      missing .: 1/898
tabulation:  Freq.  Numeric  Label
              811    0        No
              86     1        Yes
              1     .
```

---

### high\_chol

High Total Cholesterol (>=5.2)

---

```
type: numeric (float)
label: true
range: [0,1]          units: 1
unique values: 2      missing .: 21/898
tabulation:  Freq.  Numeric  Label
              751    0        No
              126    1        Yes
              21     .
```

---

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---

### glucat\_quin5

Upper Quintile of Fasting Glucose

---

```
type: numeric (float)
label: true

range: [0,1]
unique values: 2

units: 1
missing .: 33/898

tabulation: Freq.  Numeric  Label
              713      0      No
              152      1      Yes
              33       .
```

---

### chol\_hdl\_ratio

cholesterol to hdl ratio

---

```
type: numeric (float)

range: [1.7877096,10.365853]
unique values: 656

units: 1.000e-07
missing .: 55/898

mean: 3.76448
std. dev: 1.02747

percentiles: 10% 2.63889 25% 3.10345 50% 3.58381 75% 4.31373 90% 5.08333
```

---

### phys\_act\_level2

Physical Activity Level

---

```
type: numeric (float)
label: phys_act_level2

range: [1,3]
unique values: 3

units: 1
missing .: 1/898

tabulation: Freq.  Numeric  Label
              217      1      High PAL
              374      2      Moderate PAL
              306      3      Low PAL
              1       .
```

---

### sex

sex

---

```
type: numeric (float)
label: sex

range: [0,1]
unique values: 2

units: 1
missing .: 0/898

tabulation: Freq.  Numeric  Label
              489      0      female
              409      1      male
```

---

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---

### alcoholcat

Alcohol Consumption Categories

---

```
      type: numeric (float)
      label: alcoholcat

      range: [0,3]
unique values: 4
                        units: 1
                        missing .: 8/898

      tabulation: Freq.  Numeric  Label
                  90      0      Never Drank Alcohol
                  326     1      Rarely Drinks Alcohol
                  226     2      Drinks Alcohol 1-2 times/week
                  248     3      Drinks Alcohol 3 or more
                        times/week
                  8      .
```

---

### trigcat\_quin5

upper quintile of triglycerides

---

```
      type: numeric (float)
      label: true

      range: [0,1]
unique values: 2
                        units: 1
                        missing .: 32/898

      tabulation: Freq.  Numeric  Label
                  688     0      No
                  178     1      Yes
                  32      .
```

---

### highbp\_120\_80

elevated blood pressure ( $\geq 120/80$  mmHg)

---

```
      type: numeric (float)
      label: true

      range: [0,1]
unique values: 2
                        units: 1
                        missing .: 0/898

      tabulation: Freq.  Numeric  Label
                  710     0      No
                  188     1      Yes
```

---

### famhx\_htn

family history of hypertension

---

```
      type: numeric (float)
      label: true

      range: [0,1]
unique values: 2
                        units: 1
                        missing .: 169/898

      tabulation: Freq.  Numeric  Label
                  404     0      No
                  325     1      Yes
                  169     .
```

---

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---

### **whtr**

waist to height ratio

---

```
type: numeric (float)
range: [.2391827,.99345624]      units: 1.000e-08
unique values: 895              missing .: 1/898

mean: .439782
std. dev: .069724

percentiles:    10%    25%    50%    75%    90%
                .378234 .395082 .419896 .466123 .529521
```

---

### **wbc\_count**

white blood cell count

---

```
type: numeric (float)
range: [2,14.9]                units: .1
unique values: 93              missing .: 29/898

mean: 5.87066
std. dev: 1.87353

percentiles:    10%    25%    50%    75%    90%
                3.8    4.5    5.6    6.8    8.3
```

---

### **albumin\_urine**

urine albumin excretion (mg/g creat)

---

```
type: numeric (float)
range: [.6,816.9]              units: .1
unique values: 237             missing .: 38/898

mean: 11.9241
std. dev: 41.6842

percentiles:    10%    25%    50%    75%    90%
                1.85    2.5    4.1    9.15    22.55
```

---

### **micro\_alb**

Albuminuria

---

```
type: numeric (float)
label: micro_alb
range: [0,1]                   units: 1
unique values: 2               missing .: 38/898

tabulation:  Freq.  Numeric  Label
              801    0        No
              59    1        Yes
              38    .
```

---

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---

### **gfr\_lyon**

Schwartz-Lyon

---

```
type: numeric (float)
range: [10.467187,323.01001]      units: 1.000e-06
unique values: 826                missing .: 46/898
mean: 94.9963
std. dev: 29.0875
percentiles:    10%    25%    50%    75%    90%
                67.6059 76.1927 89.2246 105.429 126.121
```

---

### **log\_gfr\_lyon**

Log Schwartz-Lyon

---

```
type: numeric (float)
range: [2.3482454,5.7776833]      units: 1.000e-07
unique values: 826                missing .: 46/898
mean: 4.51529
std. dev: .271935
percentiles:    10%    25%    50%    75%    90%
                4.2137 4.33327 4.49116 4.65804 4.83724
```

---

### **ckd**

chronic kidney disease present

---

```
type: numeric (float)
label: true
range: [0,1]                      units: 1
unique values: 2                  missing .: 64/898
tabulation:  Freq.  Numeric  Label
              758    0        No
              76     1        Yes
              64     .
```

---

### **ganja\_current**

currently smokes ganja

---

```
type: numeric (float)
label: true
range: [0,1]                      units: 1
unique values: 2                  missing .: 4/898
tabulation:  Freq.  Numeric  Label
              732    0        No
              162    1        Yes
              4     .
```

---

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---

### binge

reports binge drinking of alcohol

---

```
type: numeric (float)
label: true

range: [0,1]
unique values: 2

units: 1
missing .: 102/898

tabulation: Freq.  Numeric  Label
             585      0      No
             211      1      Yes
             102      .
```

---

### hscrp\_mn2

mean hscrp (values >10 set to missing)

---

```
type: numeric (float)

range: [.3,9.9]
unique values: 129

units: .01
missing .: 107/898

mean: 1.5012
std. dev: 1.89852

percentiles: 10% 25% 50% 75% 90%
              .3 .3 .7 1.8 4.05
```

---

### highest\_ed\_new

Highest Education Level of Parent/Guardian

---

```
type: numeric (float)
label: highest_ed2

range: [1,3]
unique values: 3

units: 1
missing .: 119/898

tabulation: Freq.  Numeric  Label
             220      1      Tertiary
             453      2      Secondary
             106      3      Primary/All Age
             119      .
```

---

### occ\_cat1a\_new

occupation of household head

---

```
type: numeric (float)
label: occ_cat

range: [1,3]
unique values: 3

units: 1
missing .: 61/898

tabulation: Freq.  Numeric  Label
             202      1      Highly Skilled
             420      2      Skilled
             215      3      Semi/Unskilled
             61      .
```

---

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---

### possession\_cat

possession score categories

---

```
type: numeric (float)
label: possession_cat

range: [1,3]
unique values: 3

units: 1
missing .: 1/898

tabulation: Freq.  Numeric  Label
             136      1  15-17
             497      2  10-14
             264      3   0-9
              1         .
```

---

### waist\_glucose

central obesity + high glucose

---

```
type: numeric (byte)
label: true

range: [0,1]
unique values: 2

units: 1
missing .: 0/898

tabulation: Freq.  Numeric  Label
             875      0   No
              23      1   Yes
```

---

### waist\_trig

central obesity + high triglycerides

---

```
type: numeric (byte)
label: true

range: [0,1]
unique values: 2

units: 1
missing .: 0/898

tabulation: Freq.  Numeric  Label
             852      0   No
              46      1   Yes
```

---

### waist\_glucose\_trig

central obesity + high glucose + high Trig

---

```
type: numeric (byte)
label: true

range: [0,1]
unique values: 2

units: 1
missing .: 0/898

tabulation: Freq.  Numeric  Label
             887      0   No
              11      1   Yes
```

---

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---

### log\_insulin

log fasting insulin

---

type: numeric (float)  
range: [.69314718,4.3744984] units: 1.000e-08  
unique values: 164 missing .: 115/898  
mean: 1.70863  
std. dev: .659837  
percentiles: 10% 25% 50% 75% 90%  
.693147 1.19392 1.75786 2.17475 2.5337

---

### log\_insulin\_quin5

upper quintile of log insulin

---

type: numeric (byte)  
label: true  
range: [0,1] units: 1  
unique values: 2 missing .: 0/898  
tabulation: Freq. Numeric Label  
741 0 No  
157 1 Yes

---

### riskscore\_highbp\_new

number of risk factors (clustering) for high BP

---

type: numeric (float)  
label: riskscore\_highbp3  
range: [0,3] units: 1  
unique values: 4 missing .: 0/898  
tabulation: Freq. Numeric Label  
478 0 None  
261 1 One  
118 2 Two  
41 3 Three or more

---

### waist\_insulin

central obesity + high insulin

---

type: numeric (byte)  
label: true  
range: [0,1] units: 1  
unique values: 2 missing .: 0/898  
tabulation: Freq. Numeric Label  
831 0 No  
67 1 Yes

---

