**INDEPENDENT VARIABLES (ENVIRONMENT)**

**DATE**: date of the death (yyyy-mm-dd)

**CO\_MIN**: daily minimum carbon monoxide (ppm)

**CO\_MAX**: daily maximum carbon monoxide (ppm)

**CO\_MEAN**: daily mean carbon monoxide (ppm)

**PM10\_MIN**: daily minimum particulate matter 10 um (ug/m3)

**PM10\_MAX**: daily maximum particulate matter 10 um (ug/m3)

**PM10\_MEAN**: daily mean particulate matter 10 um (ug/m3)

**TMIN\_IAC**: daily minimum temperature from IAC weather station (°C)

**TMAX\_IAC**: daily maximum temperature from IAC weather station (°C)

**TMIN\_VC**: daily minimum temperature from VIRACOPOS weather station (°C)

**TMAX\_VC**: daily maximum temperature from VIRACOPOS weather station (°C)

**AVGPRESSURE\_VC**: daily mean atmospheric pressure from VIRACOPOS weather station (hPa)

**HMIN\_VC**: daily minimum relative humidity from VIRACOPOS weather station (%)

**HMAX\_VC**: daily maximum relative humidity from VIRACOPOS weather station (%)

**TMEAN\_CP**: daily mean temperature from CEPAGRI weather station (°C)

**TMIN\_CP**: daily minimum temperature from CEPAGRI weather station (°C)

**TMAX\_CP**: daily maximum temperature from CEPAGRI weather station (°C)

**AVGPRESSURE\_CP**: daily mean atmospheric pressure from CEPAGRI weather station (hPa)

**HMIN\_CP**: daily minimum relative humidity from CEPAGRI weather station (%)

**HMAX\_CP**: daily maximum relative humidity from CEPAGRI weather station (%)

**HMEAN\_CP**: daily mean relative humidity from CEPAGRI weather station (%)

**DEPENDENT/TARGET VARIABLES (DEATH COUNTS)**

Due to a large number of dependent variables as a result of the stratifications, we will explain the coding of the variables instead of explaining them one by one. The complete target variable (unstratified) is “**all**”

**SEX**: sex of the group

* M: male
* F: female

**COLOR**: color of the group

* black
* brown
* indigenous
* white
* yellow

**DISEASE**: disease of the group

* all: all cardiovascular deaths
* chd: coronary heart diseases
* mi: myocardial infarction
* avc: stroke

**AGE**: age of the group

* under\_20: under 20 years old
* 20\_to\_65: 20 to 65 years old
* over\_65: over 65 years old

**TARGET VARIABLES**

all\_under\_20\_female

all\_under\_20\_male

all\_20\_to\_65\_female

all\_20\_to\_65\_male

all\_over\_65\_female

all\_over\_65\_male

chd\_20\_to\_65\_female

chd\_20\_to\_65\_male

chd\_over\_65\_female

chd\_over\_65\_male

mi\_20\_to\_65\_female

mi\_20\_to\_65\_male

mi\_over\_65\_female

mi\_over\_65\_male

avc\_20\_to\_65\_female

avc\_20\_to\_65\_male

avc\_over\_65\_female

avc\_over\_65\_male

chd\_M

chd\_F

mi\_M

mi\_F

avc\_M

avc\_F

all\_M

all\_F

all\_under\_20

all\_20\_to\_65

all\_over\_65

chd\_20\_to\_65

chd\_over\_65

mi\_20\_to\_65

mi\_over\_65

avc\_20\_to\_65

avc\_over\_65

all\_chd

all\_mi

all\_avc

**all**

all\_white

all\_brown

all\_black

all\_white\_M

all\_brown\_M

all\_black\_M

all\_white\_F

all\_brown\_F

all\_black\_F

chd\_white

chd\_brown

chd\_black

chd\_white\_M

chd\_brown\_M

chd\_black\_M

chd\_white\_F

chd\_brown\_F

chd\_black\_F

mi\_white

mi\_brown

mi\_black

mi\_white\_M

mi\_brown\_M

mi\_black\_M

mi\_white\_F

mi\_brown\_F

mi\_black\_F

avc\_white

avc\_brown

avc\_black

avc\_white\_M

avc\_brown\_M

avc\_black\_M

avc\_white\_F

avc\_brown\_F

avc\_black\_F