

ECDRAHC cohort

ECDRAHC: 10694 subjects enrolled in 2018 survey

Exclusions(n=3847) some subjects met more than one criterion for exclusion

- History of stroke (n=1994)
- Missing data on BMI, fat mass, muscle mass, GLU, TG or extreme anthropometric measurements (n=1031)
- History of cancer(n=222)
- History of TIA (n=1137)
- Under weight(n=66)

Total participants included in this analysis(n=6890)

Excluded individuals diagnosed Stroke within the first two years (n=252)

6,638 subjects

UKB biobank Cohort

UKB: 502507 subjects enrolled between 2006 and 2010

Exclusions(n=440349) some subjects met more than one criterion for exclusion

- History of stroke and TIA (n=52596)
- History of cancer(n=52447)
- Living in urban(n=428483)
- Pregnant(n=386)

62158 subjects

Exclusions(n=8686) some subjects met more than one criterion for exclusion

- Missing data on BMI, fat mass, muscle mass, GLU, TG or extreme anthropometric measurements (n=8243)
- Under weight(n=460)

Total participants included in this analysis(n=53705)

Excluded individuals diagnosed Stroke within the first two years (n=43)

53662 subjects