

Controls (Cont)

Healthy Aged (HA)

Centenarians (Cent)

Concepts of cohort: Population based adult cohort
Three-generation community cohort

Healthy longevity

Exceptional longevity

Number of samples at entry:

n=30,081

n=1,026

n=1,027

gDNA sequence
determination

WGS
n=3,340

Array-imputation
n=26,741

Array-imputation

Disagree for
gDNA seq.: -2
n=1,024

WGS
n=526

Array-imputation

n=441

n=60

filter

GWAS (WGS)

n=3,340

PI_HAT:-11,519
n=15,222 → (n=10,000)

PI_HAT:-8

PI_HAT:-1
mismatch
sex info:-1
n=524

PI_HAT:-1
n=440

GWAS (Array-imp.)

(n=5,222)
Lack of phenotype: -1,247
PCA outlier: -9
n=3,966

Number of samples
for analysis:

n=7,306
(GWAS)

n=10,000
(PRS)

n=1,016
(PRS)

n=964
(PRS, GWAS)

n=60
(PGS replication)



age

Age at entry (yo)
Median (IQR)

36
(30-58)

45
(32-63)

86.8
(85.9-88.2)

106.0
(103.9-107.1)

100.6
(100.3-100.9)

Women (n(%))

4,728 (64.7)

6,188 (61.9)

503 (49.5)

820 (85.1)

42 (70.0)