THLBB2021_PUB002: Epigenetic clocks dataset

Cohort: Twin Study
Data set accession number in THL Biobank: THLBB2021_PUB002

Publication information

Blood and skeletal muscle ageing determined by epigenetic clocks and their associations with physical activity and functioning

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Published article's journal and reference information

Description of Epigenetic clocks dataset

This dataset includes only Finnish twin cohort data (N=123) used in the current article.

ERMA data is not included. Data owner of the ERMA data is University of Jyväskylä, contact information Eija Laakkonen eija.k.laakkonen@jyu.fi

The following variables are included in this dataset:

ID FTC
familyid
zygosity
sex
age_at_subproject
years of education
Smoking never=0
Smoking current=1
Alcohol grams per day
Alcohol portions per week
body mass index
percentage of fat DXA
fat (kg) DXA
lean mass (kg)
work index Baecke
sport index Baecke
leisure index Baecke
total Baecke score
maximal oxygen consumption ml/kg/min
Horvath DNA methylation age muscle
Hannum DNA methylation age muscle
MEAT DNA methylation age

GrimAge DNA methylation age muscle
AgeAccl_Horvath_Muscle
AgeAccl_GrimAge_Muscle
AgeAcceleration_meat
Horvath DNA methylation age blood
Hannum DNA methylation age blood
PhenoAge DNAmethylation age blood
GrimAge DNA methylation age blood
AgeAccl_Horvath_Blood
AgeAccl_Hannum_Blood
AgeAccl_PhenoAge_Blood
AgeAccl_GrimAge_Blood

Please notice that age acceleration values were determined together with a larger dataset and therefore mean is not zero.