

Title: Supplementary Data 1:

Description: 193 Novel genome-wide sedentary behaviour SNPs (.xlsx).

Title: Supplementary Data 2:

Description: Genetic correlation between sedentary behaviours, and previously performed GWAS's (.xlsx).

Title: Supplementary Data 3:

Description: Sedentary behaviour variants associated with previously discovered variants (.xlsx).

Title: Supplementary Data 4:

Description: List of coding variants (.xlsx).

Title: Supplementary Data 5:

Description: List of functional eQTL genes (.xlsx).

Title: Supplementary Data 6:

Description: List of DEPICT genes (.xlsx).

Title: Supplementary Data 7:

Description: Results of gene sets discovered by DEPICT for sedentary behaviour and sedentary behaviour traits separately (.xlsx).

Title: Supplementary Data 8:

Description: Results of enriched tissue sets discovered by DEPICT for sedentary behaviour and sedentary behaviour traits separately (.xlsx).

Title: Supplementary Data 9:

Description: Genetic association estimates for the association between sedentary behaviours and coronary artery disease (.xlsx).

Title: Supplementary Data 10:

Description: F-statistics and R2 of all instruments for the Mendelian randomization analysis between sedentary behaviours and coronary artery disease (.xlsx).

Title: Supplementary Data 11:

Description: Inverse variance weighted Mendelian randomization estimates for the association between education and sedentary behaviours (.xlsx).

Title: Supplementary Data 12:

Description: Genetic association estimates for the two-sample regression-based multivariable Mendelian randomization analyses estimating the effect of sedentary behaviours on coronary artery disease, adjusted for education (.xlsx).

Title: Supplementary Data 13:

Description: Genetic association estimates for the two-sample regression-based multivariable Mendelian randomization analyses estimating the effect of sedentary behaviours on coronary artery disease, adjusted for cardiovascular risk factors. (.xlsx).