

Code Overview

Code list for Andersson NW et al. Genome-Wide Association Study of Plasma Sodium Concentrations with and without Exposure to Thiazide Diuretics. J Am Soc Nephrol. 2025 Jan 31. doi: 10.1681/ASN.00000000622.

GENERAL PLASMA SODIUM CONCENTRATIONS	
GWAS	11_regenie_step1.sh 12_regenie_step2.sh 43_merge.sh 14_manplot_24023.R
Meta-analysis	15_Boger_liftover_to_hg38.R 16_Bogers_padj.R 17_meta_240223.sh 36_leadSNP.R
LDSC and heritability	27_ldsc.sh 27_ldsc_meta.sh 28_meta_hm3.R 29_h2.sh
Liftover to hg19 for FUMA	33_lifted_to_hg19.R
Polygenic score and interaction analysis	63_hm3_chr.sh 63_hm3_merge.sh 64_parse_sumstats.R 65_calculate_ld_matrix.R 67_LDpred2_auto.R 68_LDpred2_pred.R 69_sodium_genotype.sh 70_PGS_perchr.R 76_PGS_pred_RMcomb.R 77_interaction_pgs.R
PLASMA SODIUM CONCENTRATION WITH THIAZIDE EXPOSURE	
Quantitative traits: GWAS, specific SNP-drug interaction and meta-analysis	TIH_qt_02_regenie_step1.sh TIH_qt_03_regenie_step2.sh TIH_qt_02_regenie_step1_ge_interaction.sh TIH_qt_03_regenie_step2_ge_interaction.sh TIH_qt_04_merge.sh TIH_qt_14_manplot_240223_all.R TIH_qt_06_meta.sh
Case-control traits: GWAS	TIH_cc_11_regenie_step1.sh TIH_cc_12_regenie_step2.sh TIH_cc_13_merge.sh TIH_cc_14_manplot_202223.R