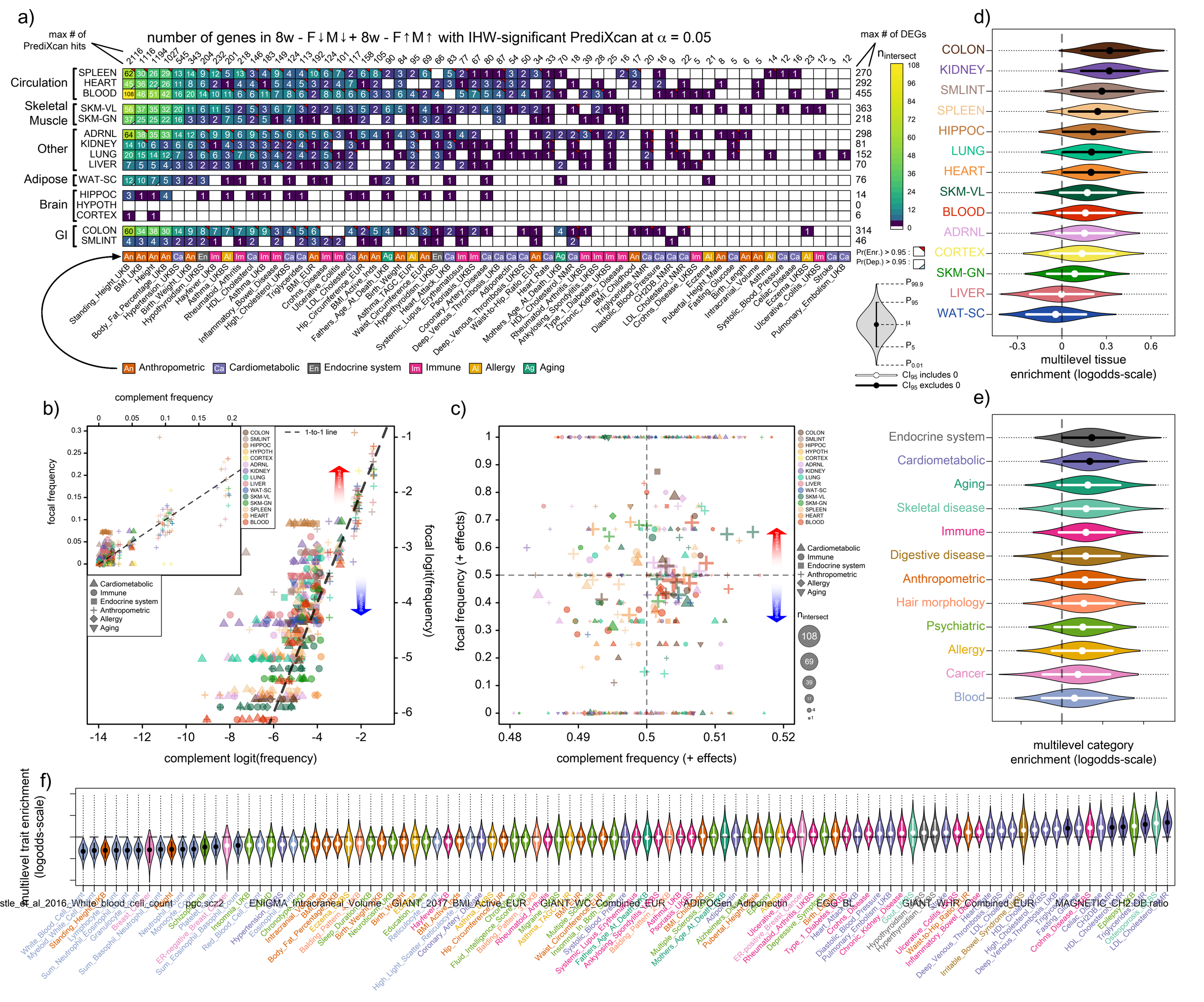
a)
number of genes in 8w - F↓M↓ + 8w - F↑M↑ with IHW-significant PrediXcan at α = 0.05
max # of PrediXcan hits
max # of DEGs
n intersect
Circulation
SPLEEN
HEART
BLOOD
Skeletal Muscle
SKM-VL
SKM-GN
Other
ADRNL
KIDNEY
LUNG
LIVER
Adipose
WAT-SC
Brain
HIPPOC
HYPOTH
CORTEX
GI
COLON
SMLINT
Standing_Height_UKB
BMI_UKB
Height
Body_Fat_Percentage_UKB
Hypertension_UKBS
Birth_Weight_UKB
Hypothyroidism_UKBS
Hayfever_UKB
Asthma_UKBS
Rheumatoid_Arthritis
Inflammatory_Bowel_Disease
HDL_Cholesterol
High_Cholesterol_UKBS
Asthma_UKB
Triglycerides
BMI_EUR
Crohns_Disease
Ulcerative_Colitis
LDL_Cholesterol
Hip_Circumference_EUR
BMI_Active_Inds
Fathers_Age_At_Death_UKB
Birth_Weight
Asthma_TAGC_EUR
Waist_Circumference_EUR
Hyperthyroidism_UKBS
Heart_Attack_UKB
Systemic_Lupus_Erythematosus
Psoriasis_UKBS
Coronary_Artery_Disease
Deep_Venous_Thrombosis_UKB
Adiponectin
Deep_Venous_Thrombosis_UKBS
Waist-to-Hip_Ratio_EUR
Heart_Rate
Mothers_Age_At_Death_UKB
HDL_Cholesterol_NMR
Rheumatoid_Arthritis_UKBS
Ankylosing_Spondylitis_UKBS
Type_1_Diabetes_UKBS
Chronic_Kidney_Disease
BMI_Childhood
Triglycerides_NMR
Diastolic_Blood_Pressure
CH2DB_NMR
LDL_Cholesterol_NMR
Crohns_Disease_UKBS
Eczema
Pubertal_Height_Male
Fasting_Glucose
Birth_Length
Intracranial_Volume
Asthma
Systolic_Blood_Pressure
Celiac_Disease
Eczema_UKBS
Ulcerative_Colitis_UKBS
Stroke
Pulmonary_Embolism_UKB
An Anthropometric
Ca Cardiometabolic
En Endocrine system
Im Immune
Al Allergy
Ag Aging
Pr(Enr.) > 0.95
Pr(Dep.) > 0.95
P99.9
P95
μ
P5
P0.01
CI95 includes 0
CI95 excludes 0
d)
COLON
KIDNEY
SMLINT
SPLEEN
HIPPOC
LUNG
HEART
SKM-VL
BLOOD
ADRNL
CORTEX
SKM-GN
LIVER
WAT-SC
multilevel tissue enrichment (logodds-scale)
b)
complement frequency
focal frequency
focal logit(frequency)
complement logit(frequency)
1-to-1 line
enriched
depleted
Cardiometabolic
Immune
Endocrine system
Anthropometric
Allergy
Aging
c)
focal frequency (+ effects)
complement frequency (+ effects)
e)
Endocrine system
Cardiometabolic
Aging
Skeletal disease
Immune
Digestive disease
Anthropometric
Hair morphology
Psychiatric
Allergy
Cancer
Blood
multilevel category enrichment (logodds-scale)
f)
multilevel trait enrichment (logodds-scale)
White_Blood_Cell_Count
Standing_Height_UKB
Sum_Neutrophil_Eosinophil_Count
Sum_Basophil_Neutrophil_Count
Insomnia_UKB
Hypertension_UKBS
Chronotype_UKB
Intracranial_Volume
Body_Fat_Percentage_UKB
Balding_Pattern_UKB
Sleep_Duration_UKB
Birth_Weight_UKB
Neuroticism_UKB
Birth_Weight
Education_Years
Hayfever_UKB
BMI_Active_Inds
Coronary_Artery_Disease
Asthma_UKBS
Hip_Circumference_EUR
Fluid_Intelligence_Score_UKB
Rheumatoid_Arthritis
Migraine_UKBS
Asthma_TAGC_EUR
Multiple_Sclerosis
Waist_Circumference_EUR
Insomnia_In_Both_Sexes
Systolic_Blood_Pressure
Systemic_Lupus_Erythematosus
Fathers_Age_At_Death_UKB
Ankylosing_Spondylitis_UKBS
Psoriasis_UKBS
BMI_Childhood
Multiple_Sclerosis_UKBS
Mothers_Age_At_Death_UKB
Alzheimers_Disease
Adiponectin
Pubertal_Height_Male
Ulcerative_Colitis
ER-positive_Breast_Cancer
Rheumatoid_Arthritis_UKBS
Depressive_Symptoms
Type_1_Diabetes_UKBS
Crohns_Disease
Heart_Attack_UKB
Diastolic_Blood_Pressure
Pulmonary_Embolism_UKB
Chronic_Kidney_Disease
Hypothyroidism_UKBS
Hyperthyroidism_UKBS
Ulcerative_Colitis_UKBS
Waist-to-Hip_Ratio_EUR
Inflammatory_Bowel_Disease
Deep_Venous_Thrombosis_UKBS
Irritable_Bowel_Syndrome_UKBS
HDL_Cholesterol_UKBS
High_Cholesterol_UKBS
Deep_Venous_Thrombosis_UKB
Crohns_Disease_UKBS
Celiac_Disease_UKBS
CH2DB_NMR
HDL_Cholesterol_NMR
Epilepsy
Triglycerides_UKBS
Osteoporosis
LDL_Cholesterol_NMR
stle_et_al_2016_White_blood_cell_count
pgc.scz2
ENIGMA_Intracranial_Volume
GIANT_2017_BMI_Active_EUR
GIANT_WC_Combined_EUR
ADIPOGen_Adiponectin
EGG_BI
GIANT_WHR_Combined_EUR
MAGNETIC_CH2DB.ratio