Comparison of PRS-PheWAS associations (A2, eur_leave_ukbb_23andme, clump p1: 1e-3) 0.1 Whole body fat mass(INI23100) Alkaline phosphatase(INI10030610). estimate of scale(PRS), without chr3 Arm fat % (L)(INI23123) Arm fat % (R)(INI23119 0.0 -Alkaline phosphatase(INI30610) Trunk fat %(/INI23127) Body fat %(INI23099) Trunk fat mass(INI23128) -0.2 · BETA [SE] Alkaline phosphatase(INI30610 -0.3 **-**10 -0.2-0.10.0 -0.3

BETA [SE] estimate of scale(PRS), with chr3

15 -

10 -

5 -

0 -

-log₁₀(P) of scale(PRS), with chr3 region

-log₁₀(P) of scale(PRS), without chr3 region