Comparison of PRS-PheWAS associations (B2, leave\_UKBB\_23andme, clump p1: 1e-3) 0.10 estimate of scale(PRS), without chr3 Whole body fat mass (INI23100) Arm fat % (L)(IM 23123) Trunk fat %(INI23127) Arm fat % (R)(IXI23119) Body fat %(IN/23099) Body fat %(INI23099) 0.05 Trunk fat mass(INI23128) Arm fat % (L)(INI23123) 0.00 BETA [SE] Monocyte %(INI30190) 0.05 0.00 0.10 -log<sub>10</sub>(P) of scale(PRS), with chr3 region BETA [SE] estimate of scale(PRS), with chr3

12 -

9 -

0 -

-log<sub>10</sub>(P) of scale(PRS), without chr3 region