Comparison of PRS-PheWAS associations (B2, eur\_leave\_ukbb\_23andme, clump p1: 1e-3) 0.10 estimate of scale(PRS), without chr3 Whole body fat mass (INI23100) Trunk fat mass(INI23128) Arm fat % (R)(INI23119)
Arm fat % (L)(INI23123) runk fat %(INI23127) • Arm fat % (R)(INI23119) Trunk fat %(INI23127) 0.05 Body fat %(IN/23099) 0.00 Monocyte count(INI30130). BETA [SE] Monocyte %(INI30190). 0.0 2.5 5.0 0.00 0.05 0.10

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

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

7.5 -

5.0 -

2.5 -

0.0 -

-log<sub>10</sub>(P) of scale(PRS), with chr3 region