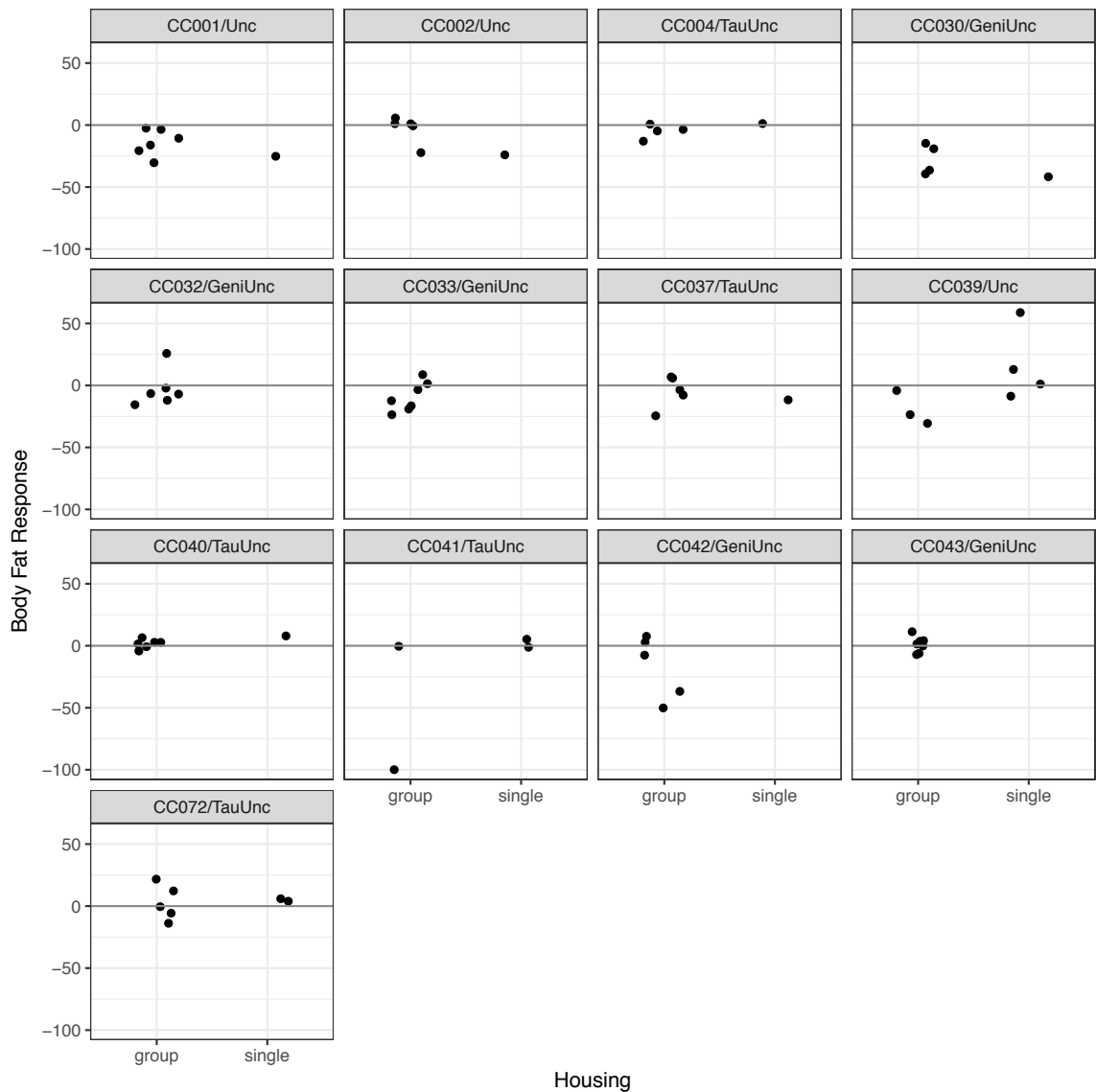
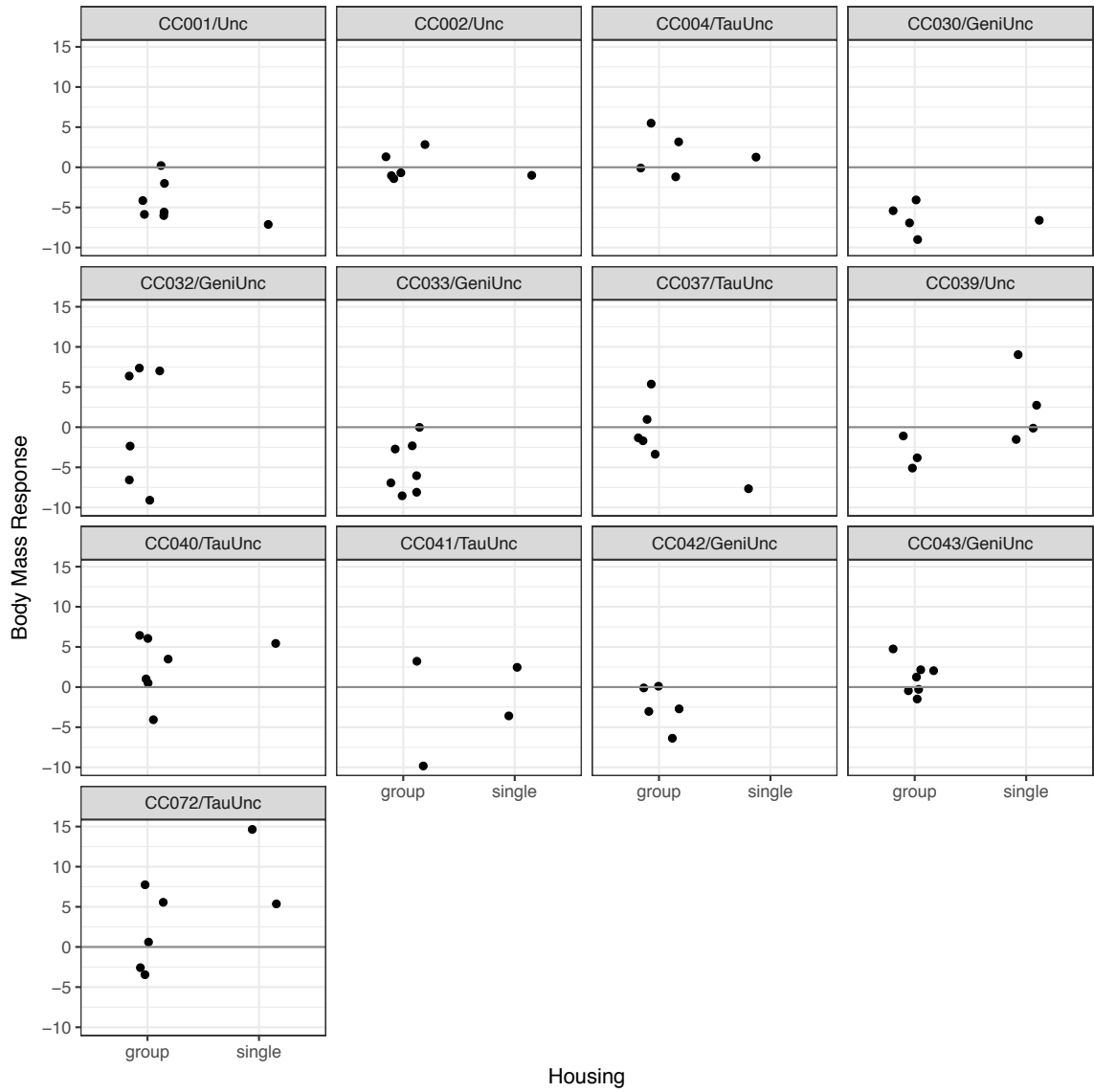


Supporting Figures (to address reviewer comments)

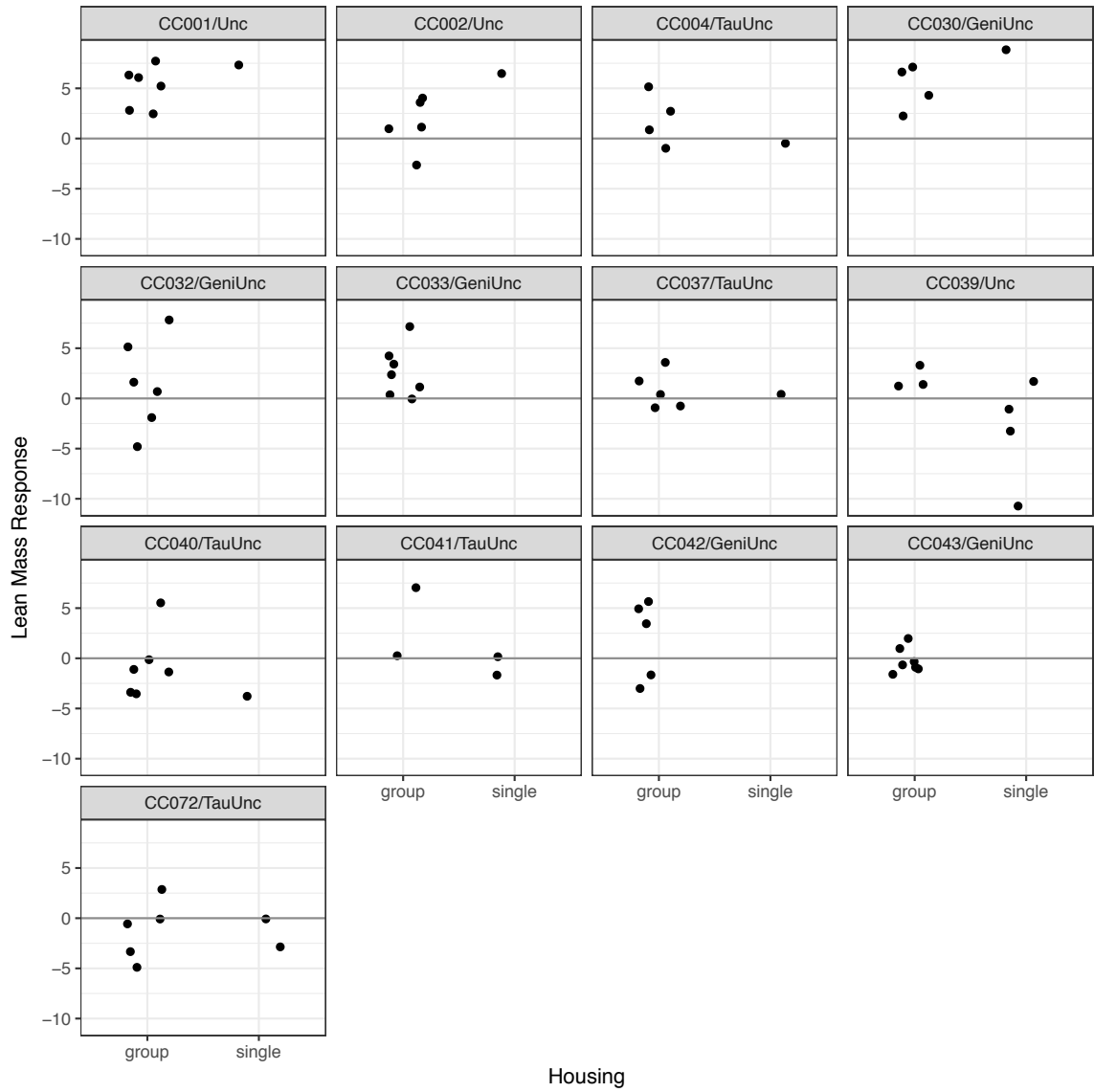
Supporting Figure 7 Body fat responses in the control cohort by housing conditions (single vs group) and strain in experiment 1.



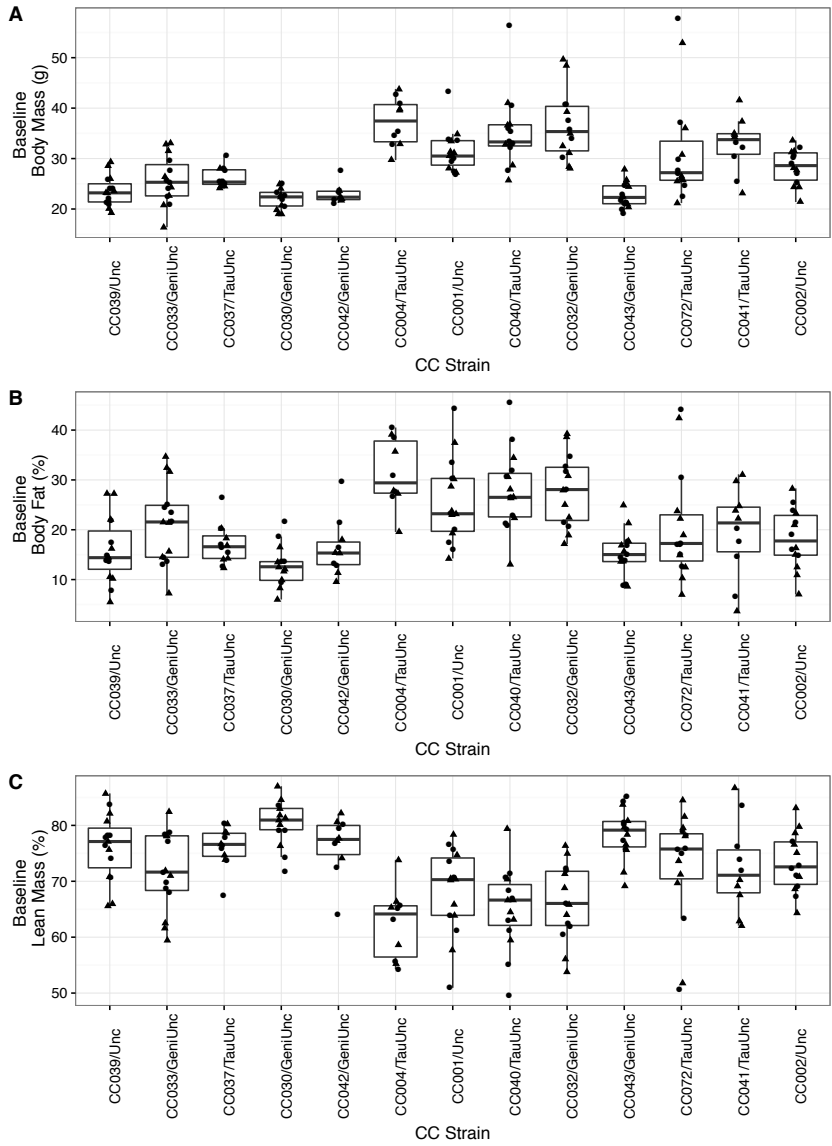
Supporting Figure 8 Body mass responses in the control cohort by housing conditions (single vs group) and strain in experiment 1.



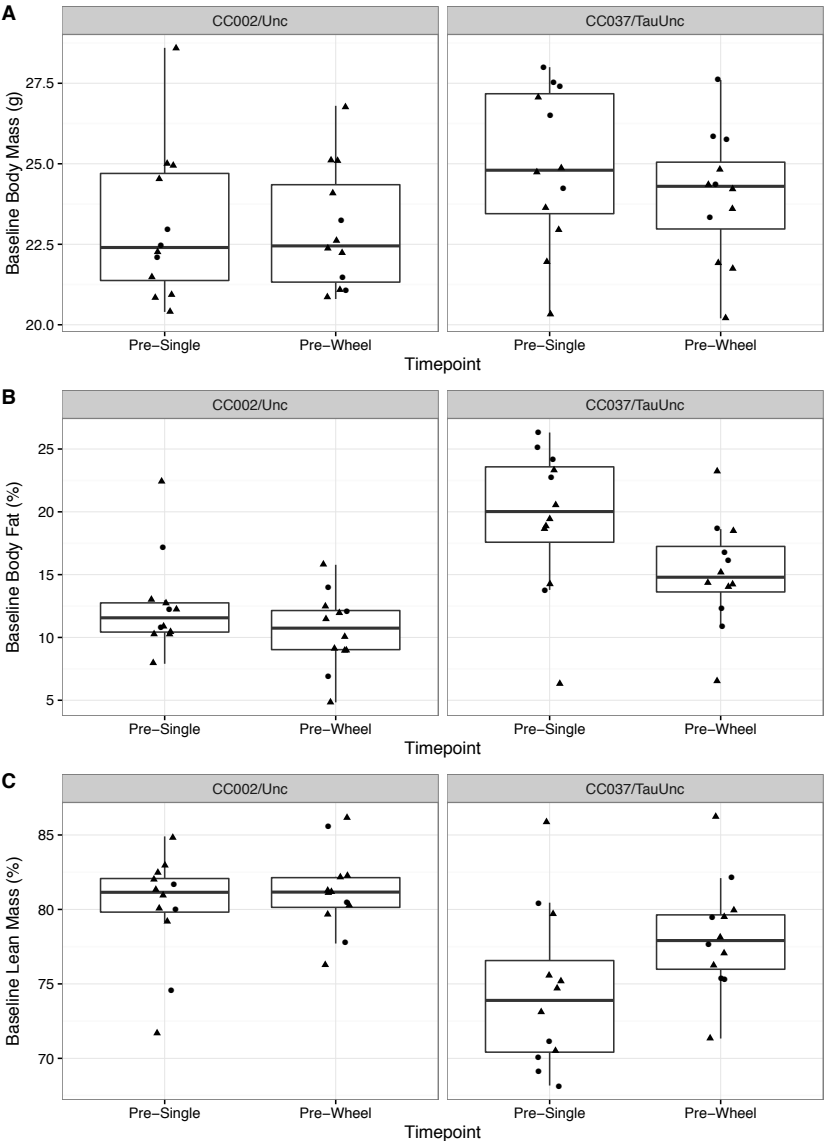
Supporting Figure 9 Lean mass responses in the control cohort by housing conditions (single vs group) and strain in experiment 1.



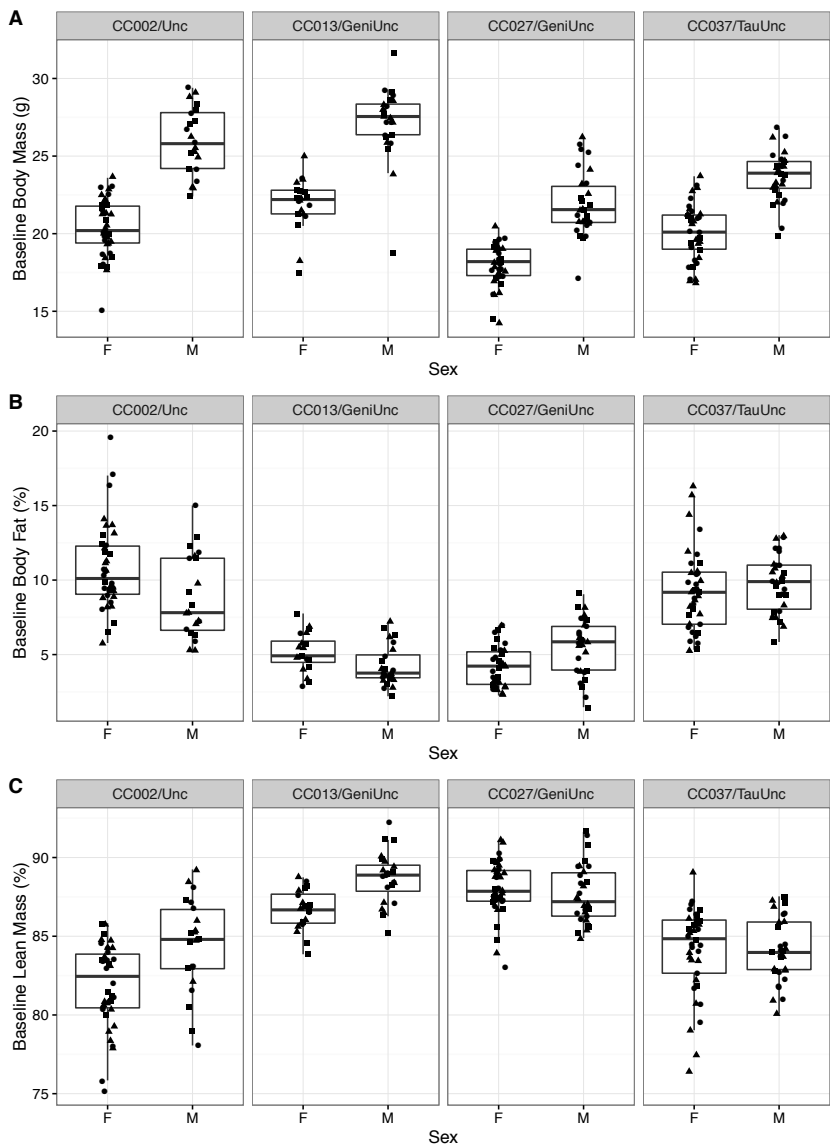
Supporting Figure 10: Baseline body mass and composition in both experimental and control cohorts for experiment 1.



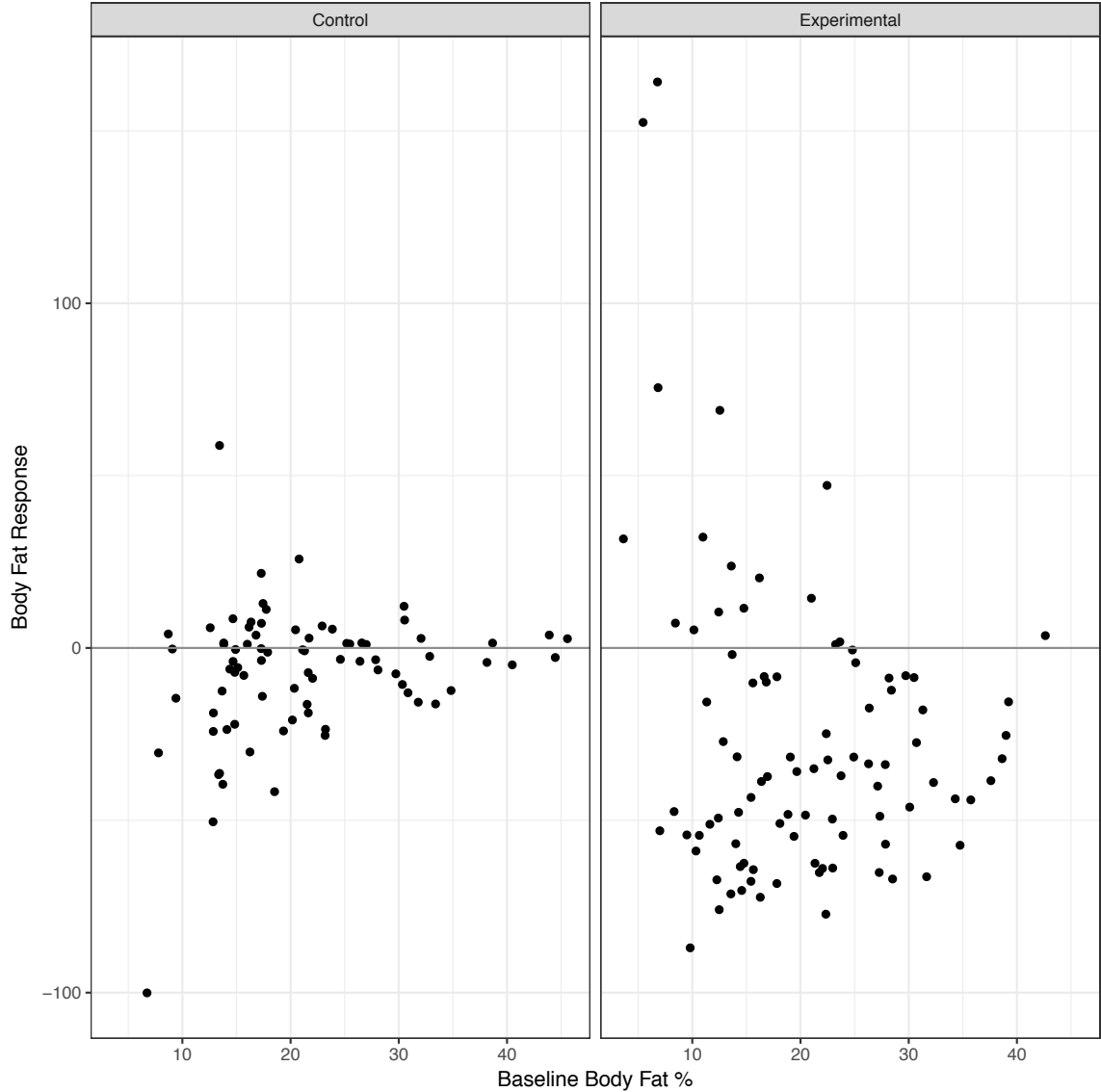
Supporting Figure 11: Baseline body mass and composition before single housing and before wheel access in both experimental and control cohorts in experiment 2.



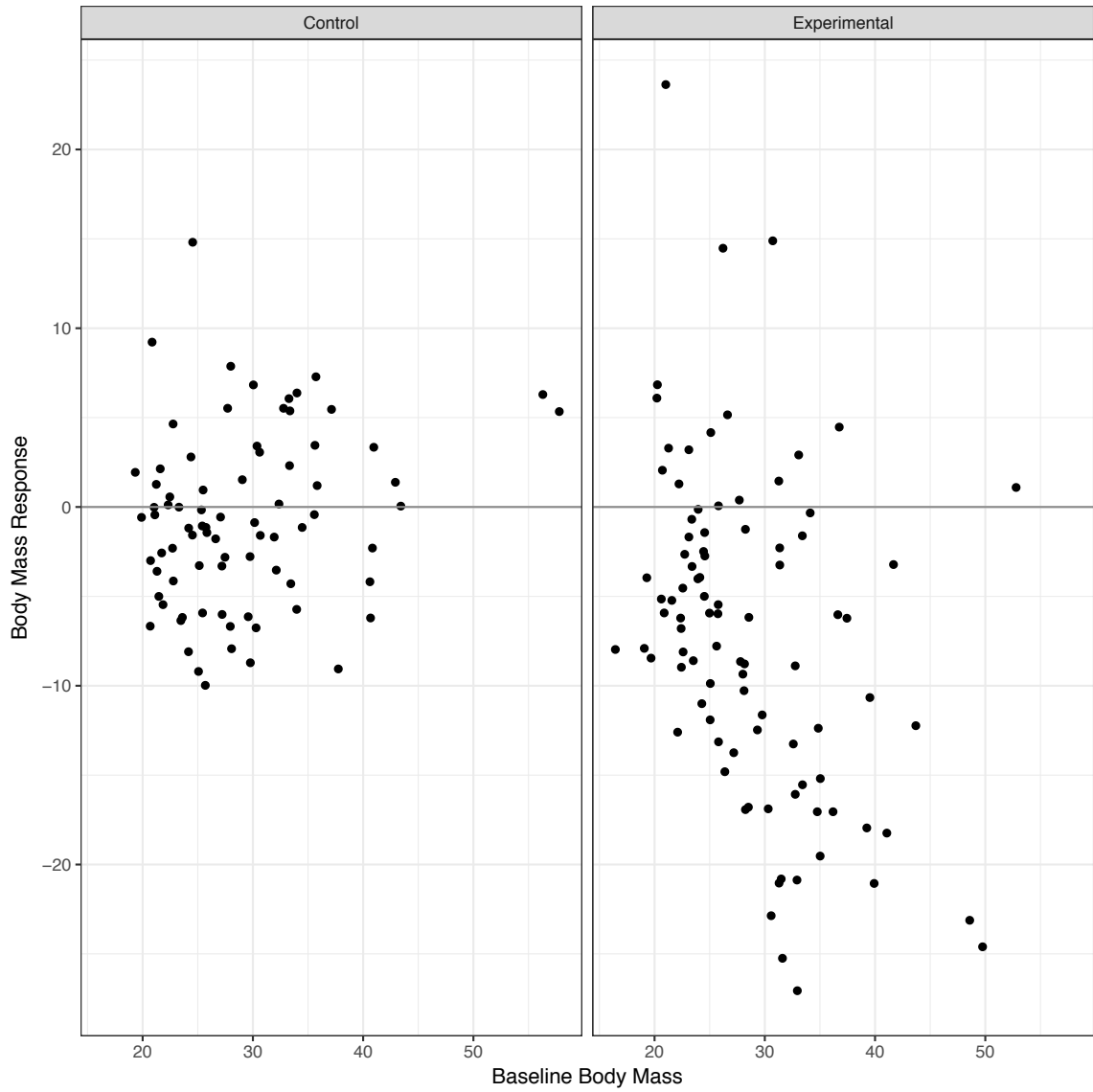
Supporting Figure 12 Baseline body mass and composition in experiment 3



Supporting Figure 13 Baseline body fat vs body fat response in experiment 1



Supporting Figure 14 Baseline body mass vs body mass response in experiment 1



Supporting Figure 15 Baseline lean mass vs lean mass response in experiment 1

