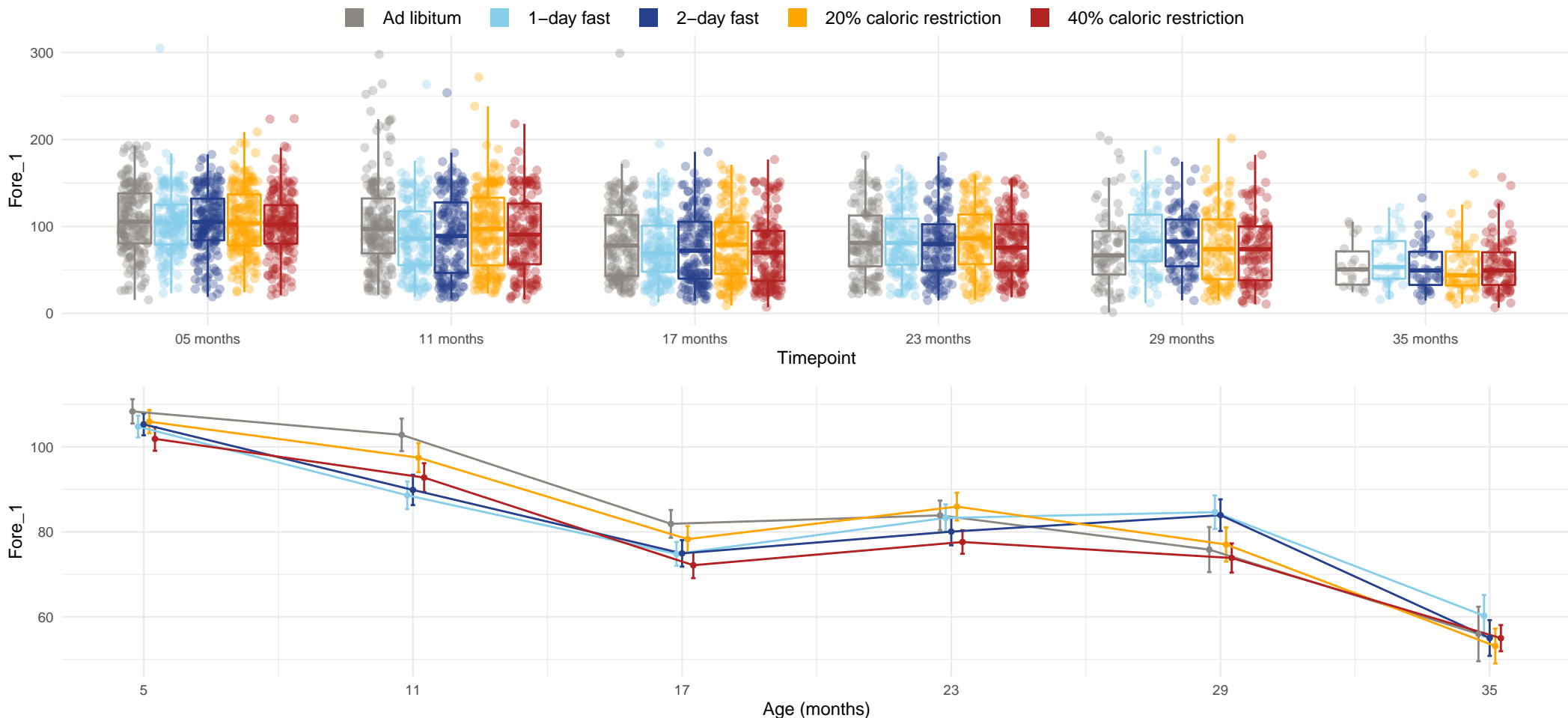


# Diet and age effects on The fore-paw grip strength from fore-paw trial 1 (grams)



Only the following timepoints were used when testing for direct diet and age-diet interaction effects (all timepoints were used when testing for direct age effects): 05 months, 11 months, 17 months, 23 months and 29 months. The effects of age, diet, and the age-diet interaction were estimated using mixed linear models and the significance of the effects were assessed with an approximate F-test using the Kenward and Roger (1997) approach. The p-values for the diet effect at each timepoint are: 05 months = 0.251; 11 months =  $8.62 \times 10^{-5}$ ; 17 months = 0.029; 23 months = 0.0862 and 29 months = 0.541. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 11 months are AL-1D, AL-2D, AL-40 and 1D-20. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 17 months are AL-40. The p-value for the direct effect of age on Fore\_1 is  $3.01 \times 10^{-5}$ . The p-value for the effect of the interaction between age and diet on Fore\_1 is 0.483.