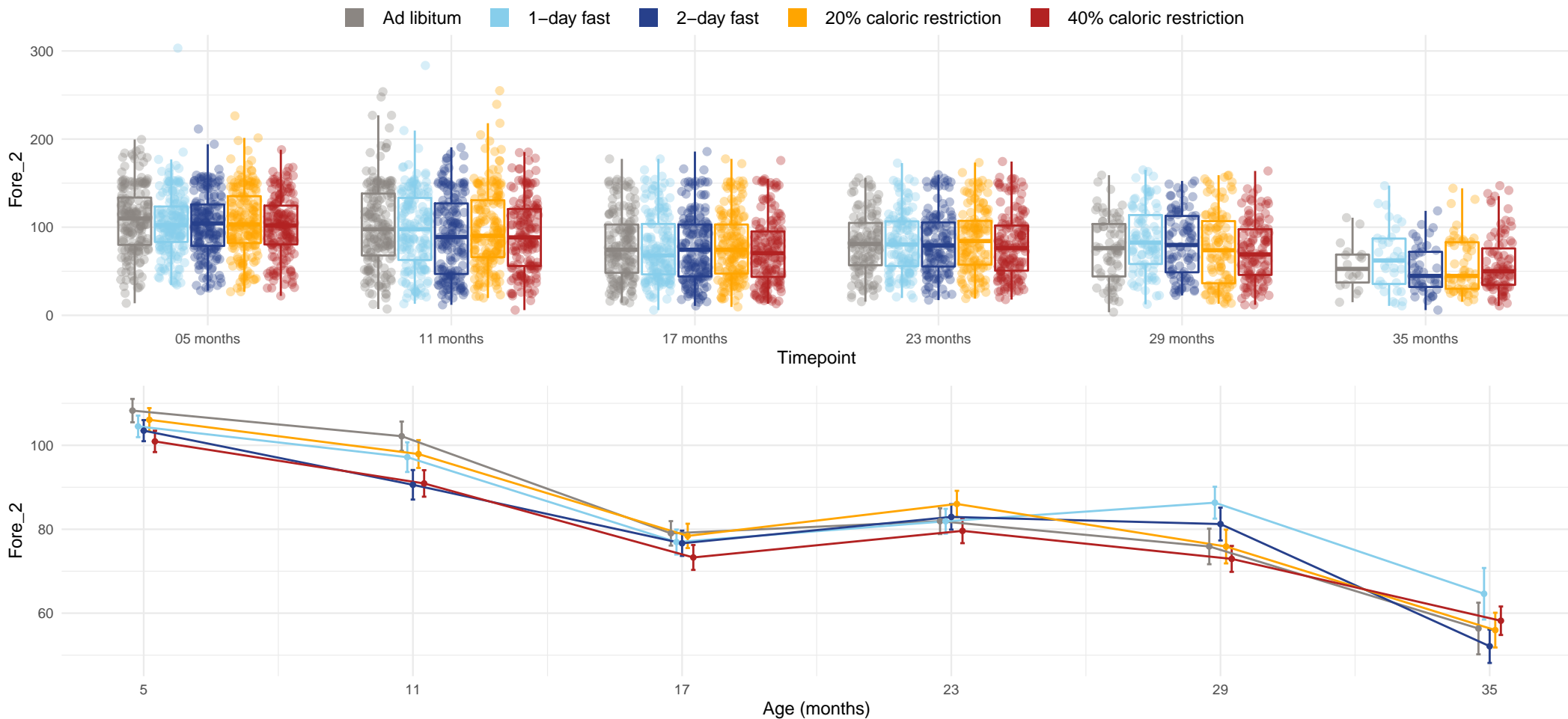


# Diet and age effects on The fore-paw grip strength from fore-paw trial 2 (grams)



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 = 0.106; 11 months = 0.0932; 17 months = 0.961; 23 months = 0.47 and 29 months = 0.751. The p-value for the direct effect of age on Fore\_2 is  $1.37 \times 10^{-6}$ . The p-value for the effect of the interaction between age and diet on Fore\_2 is 0.0245. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-40.