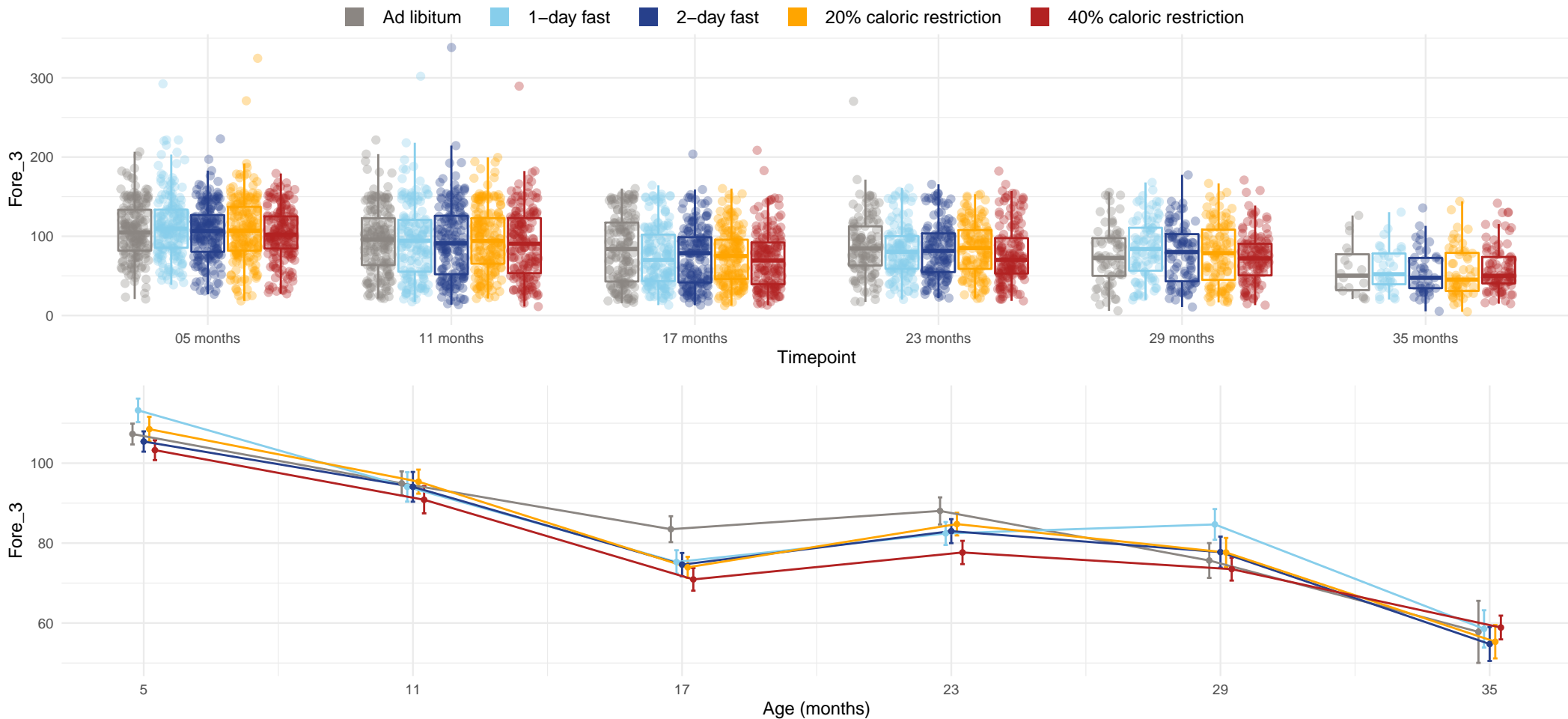


Diet and age effects on The fore-paw grip strength from fore-paw trial 3 (grams)



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 and 23 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 = 0.0246; 11 months = 0.613; 17 months = 0.000284 and 23 months = 0.0294. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 05 months are 1D-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 17 months are AL-1D, AL-2D, AL-20 and AL-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 23 months are AL-40. The p-value for the direct effect of age on Fore_3 is $4.82e-06$. The p-value for the effect of the interaction between age and diet on Fore_3 is 0.0378. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-1D.