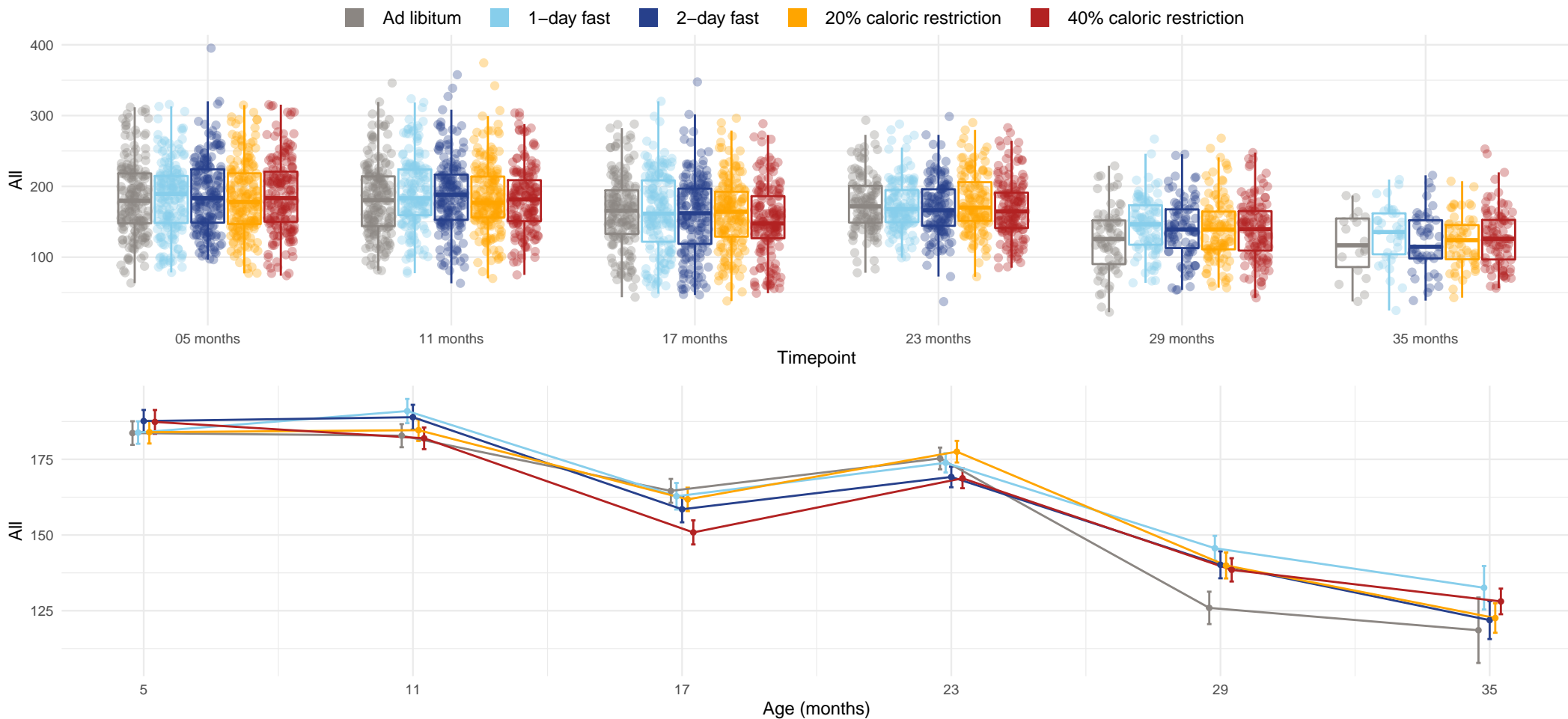


Diet and age effects on The trimmed mean of all-paw grip strength (grams)



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 = 0.461; 11 months = 0.00426; 17 months = 0.837; 23 months = 0.0513 and 29 months = 0.000188. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 11 months are AL-1D, AL-2D and AL-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 29 months are AL-2D, AL-20 and AL-40. The p-value for the direct effect of age on All is 5.23e-08. The p-value for the effect of the interaction between age and diet on All is 0.0057. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-20 and AL-40.