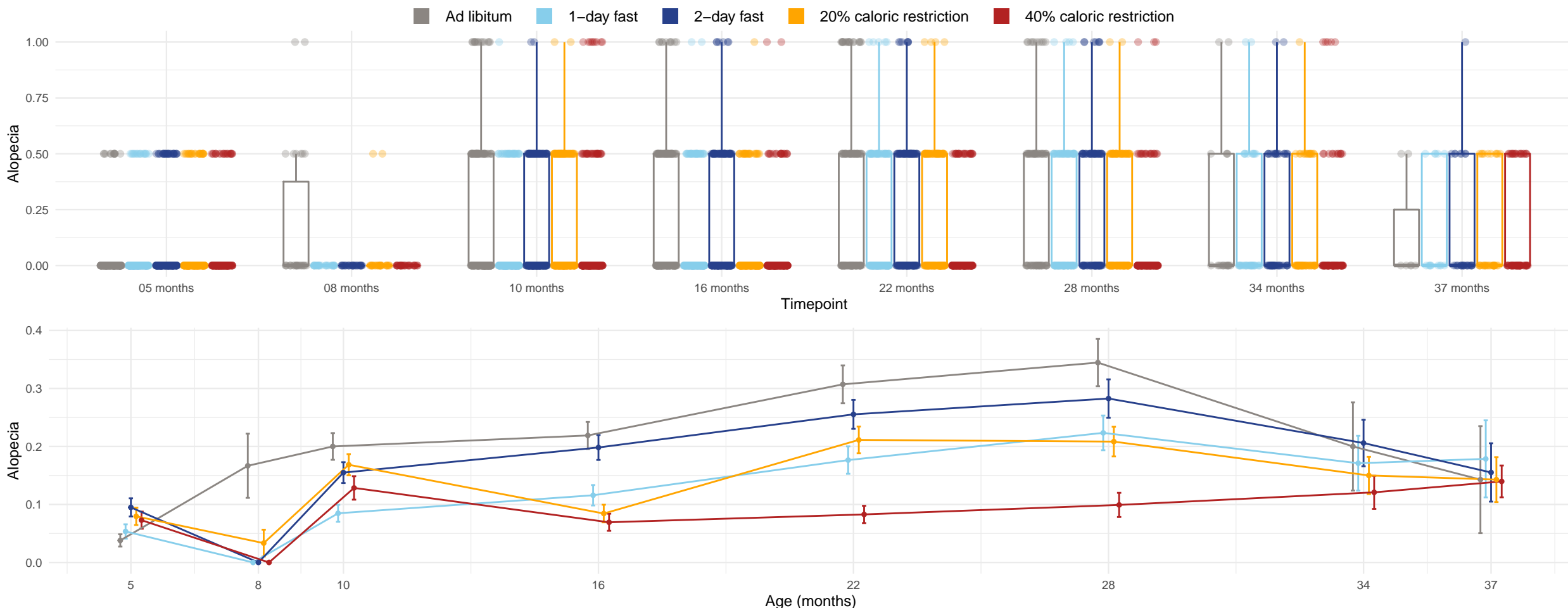


# Diet and age effects on Fur loss (0, 0.5, 1)



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, 08 months, 10 months, 16 months, 22 months and 28 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 = 0.0117; 08 months = 0.0133; 10 months = 2.15e-05; 16 months = 1.77e-11; 22 months = 9.86e-11 and 28 months = 5.16e-08. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 05 months are AL-2D. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 08 months are AL-20 and AL-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 10 months are AL-1D, AL-2D, AL-40, 1D-2D, 1D-20 and 1D-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are AL-1D, AL-20, AL-40, 1D-2D, 2D-20 and 2D-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 22 months are AL-1D, AL-20, AL-40, 2D-40 and 20-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 28 months are AL-1D, AL-20, AL-40, 1D-40, 2D-40 and 20-40. The p-value for the direct effect of age on Alopecia is 0.00339. The p-value for the effect of the interaction between age and diet on Alopecia is 4.83e-19. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-1D, AL-2D, AL-20, AL-40, 1D-40, 2D-40 and 20-40.