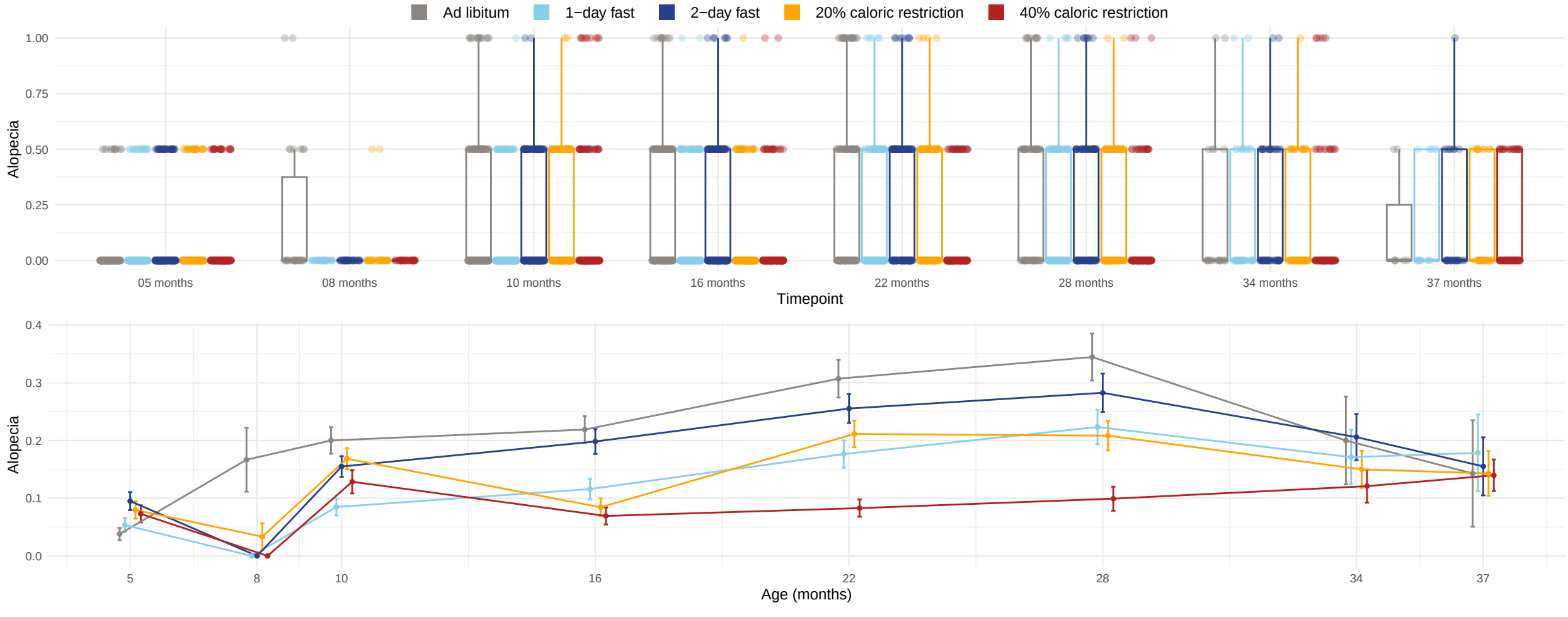
Diet and age effects on Fur loss (0, 0.5, 1)



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.