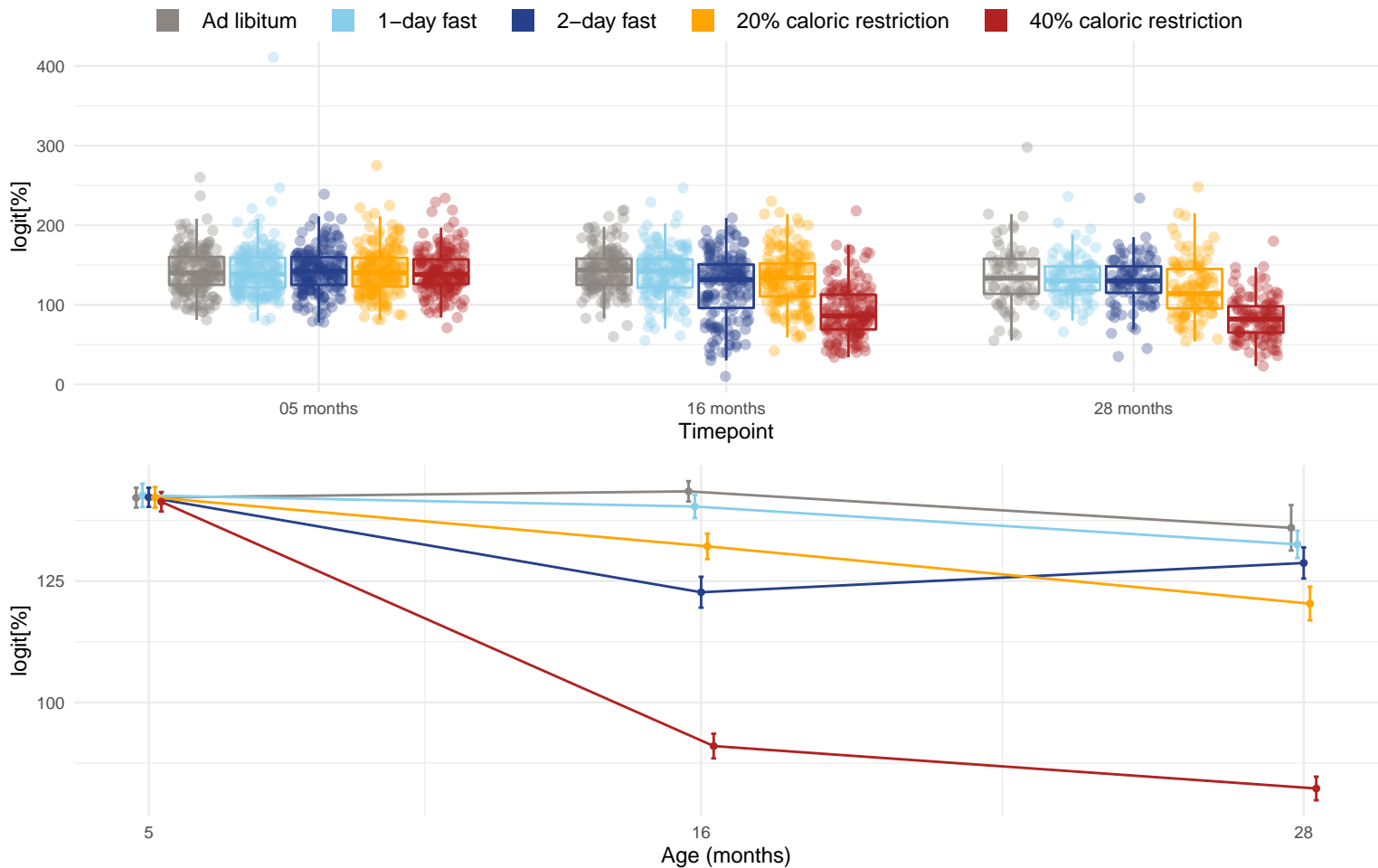


Diet and age effects on body temperature (mg/dL)



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, 16 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 = 0.721; 16 months = $6.88e-32$ and 28 months = $1.66e-19$. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are AL-2D, AL-40, 1D-2D, 1D-40, 2D-40 and 20-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 28 months are AL-40, 1D-40, 2D-40 and 20-40. The p-value for the direct effect of age on GlucoseCondBW is $2.94e-06$. The p-value for the effect of the interaction between age and diet on GlucoseCondBW is $2.27e-25$. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-40, 1D-20, 1D-40, 2D-40 and 20-40.