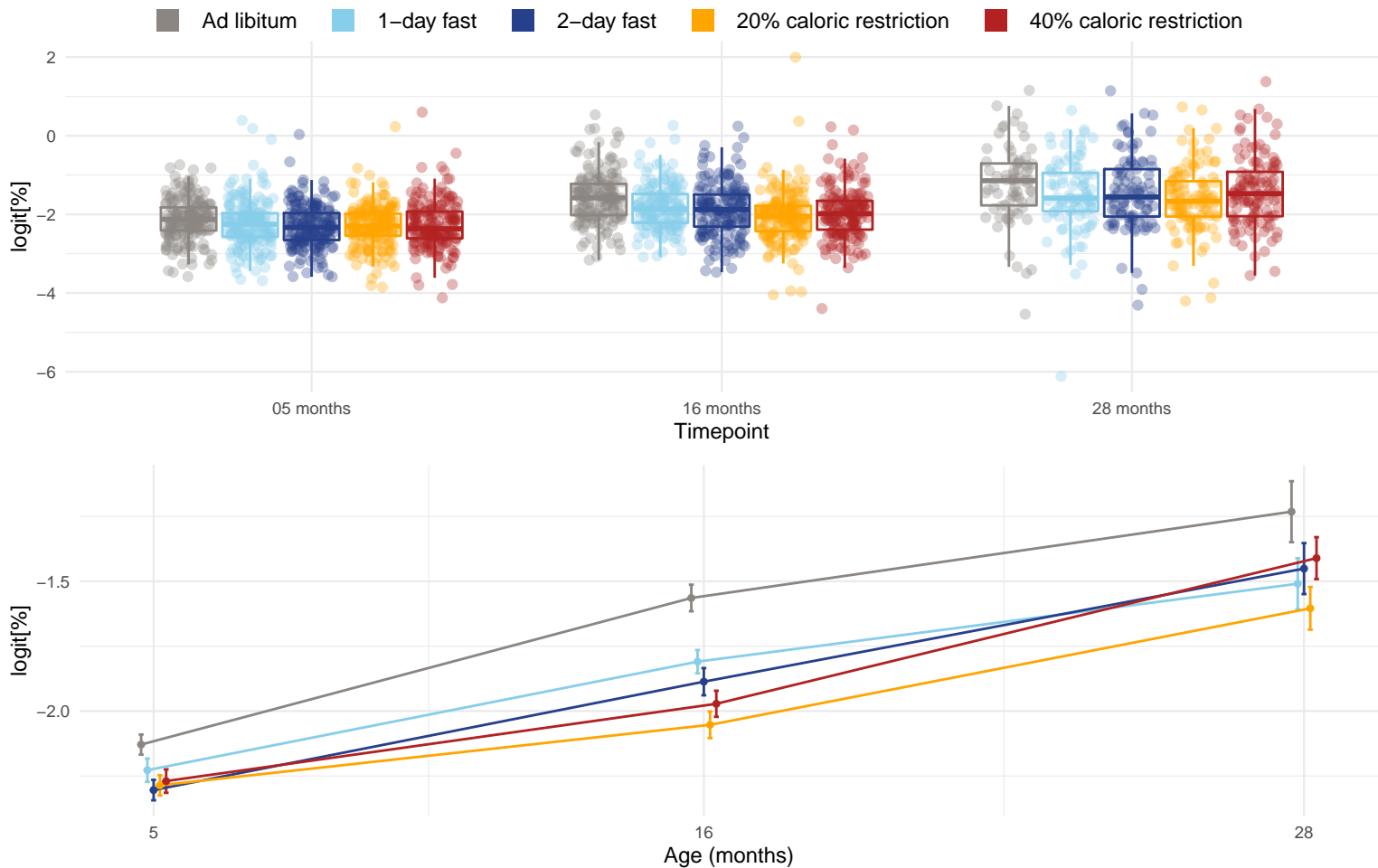


# Diet and age effects on % of viable cells that are neutrophils



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 = 0.0194; 16 months =  $1.16 \times 10^{-10}$  and 28 months = 0.103. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 05 months are AL-2D and AL-20. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are AL-1D, AL-2D, AL-20, AL-40 and 1D-20. The p-value for the direct effect of age on Neut\_PercViable is  $1.36 \times 10^{-19}$ . The p-value for the effect of the interaction between age and diet on Neut\_PercViable is 0.0448. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-20.