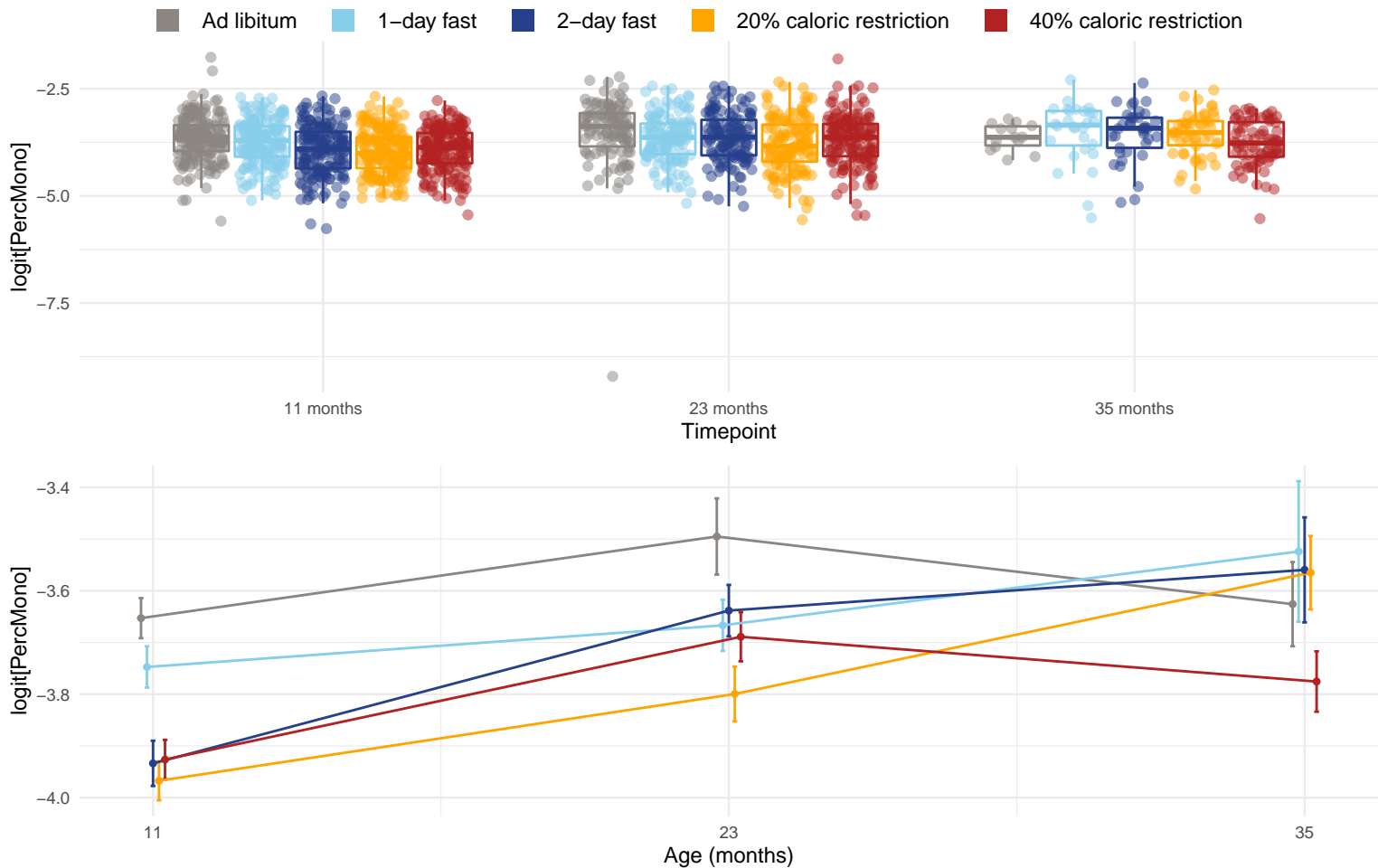


Diet and age effects on percent monocytes (%) = NumMono / NumWBC



Only the following timepoints were used when testing for diet and age effects: 11 months and 23 months. The effects 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: 11 months =  $1.23\text{e-}10$  and 23 months =  $0.00363$ . The diet pairs that have significantly different (Tukey p-value < 0.05) means at 11 months are AL-2D, AL-20, AL-40 and 1D-2D. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 23 months are AL-20 and AL-40. The p-value for the direct effect of age on PercMono is  $8.34\text{e-}06$ . The p-value for the effect of the interaction between age and diet on PercMono is  $0.0433$ . The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are 1D-2D.