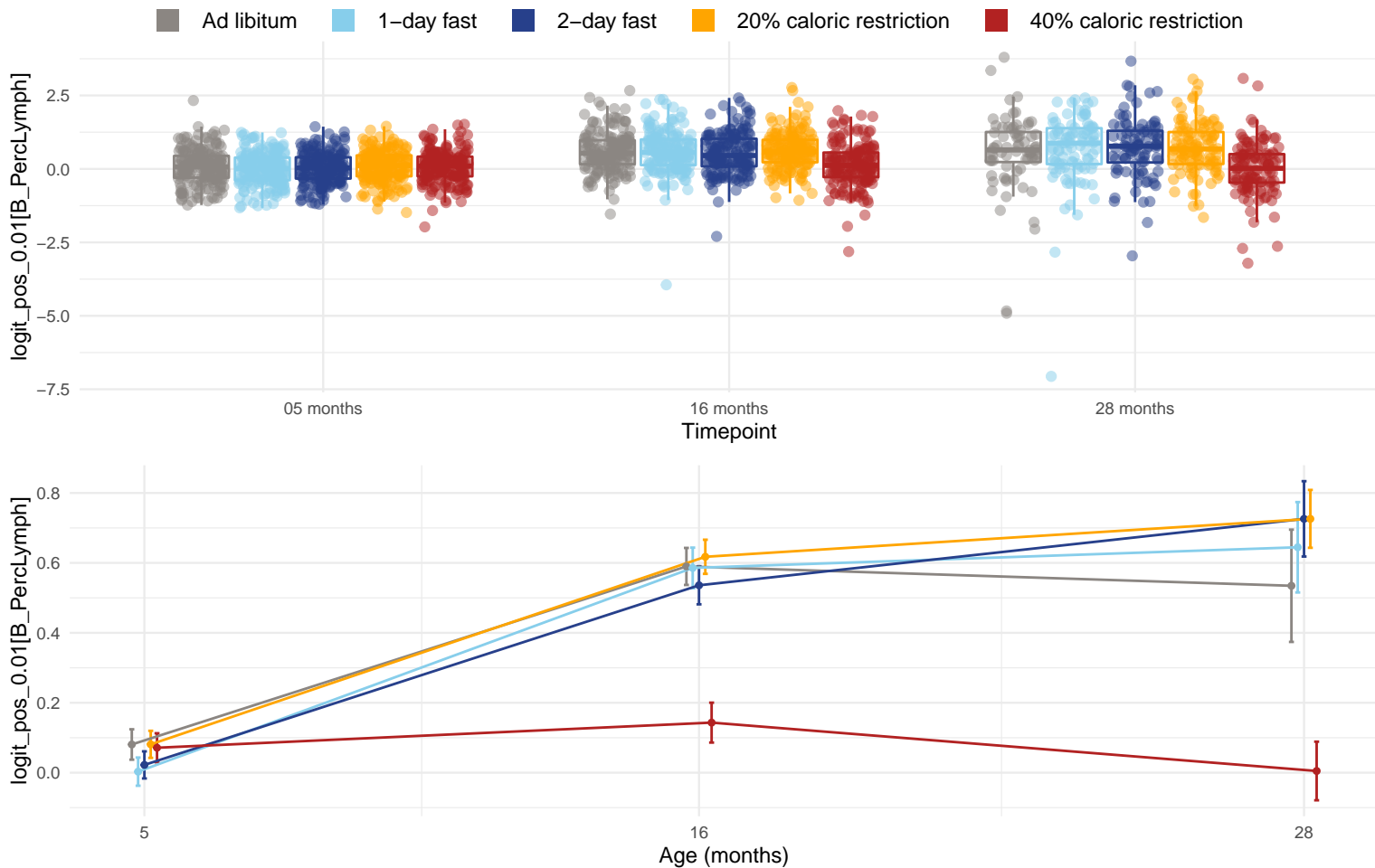


# Diet and age effects on % of lymphocytes that are B cells



Only the following timepoints were used when testing for diet and age effects: 05 months, 16 months and 28 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: 05 months = 0.986; 16 months =  $2.98\text{e-}10$  and 28 months =  $5.85\text{e-}07$ . The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are AL-40, 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 B\_PercLymph is  $3.49\text{e-}09$ . The p-value for the effect of the interaction between age and diet on B\_PercLymph is  $4.82\text{e-}17$ . The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-40, 1D-40, 2D-40 and 20-40.