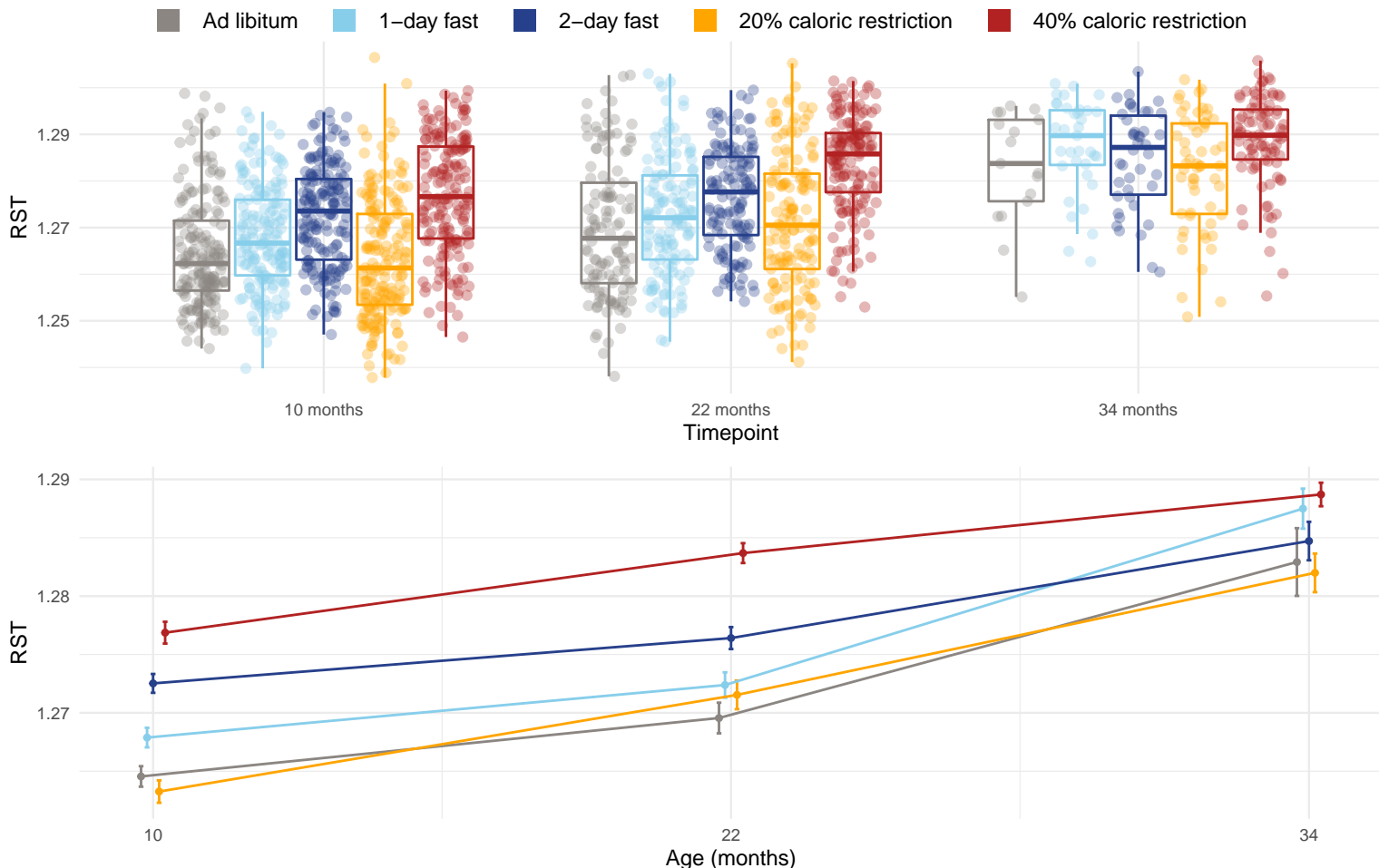


Diet and age effects on The R-value of soft tissue. Directly measured



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): 10 months and 22 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: 10 months = $4.43\text{e-}33$ and 22 months = $4.96\text{e-}22$. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 10 months are AL-2D, AL-40, 1D-2D, 1D-20, 1D-40, 2D-20, 2D-40 and 20-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 22 months are AL-2D, AL-40, 1D-2D, 1D-40, 2D-20, 2D-40 and 20-40. The p-value for the direct effect of age on RST is $5.03\text{e-}13$. The p-value for the effect of the interaction between age and diet on RST is 0.00176. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are 1D-20 and 2D-20.