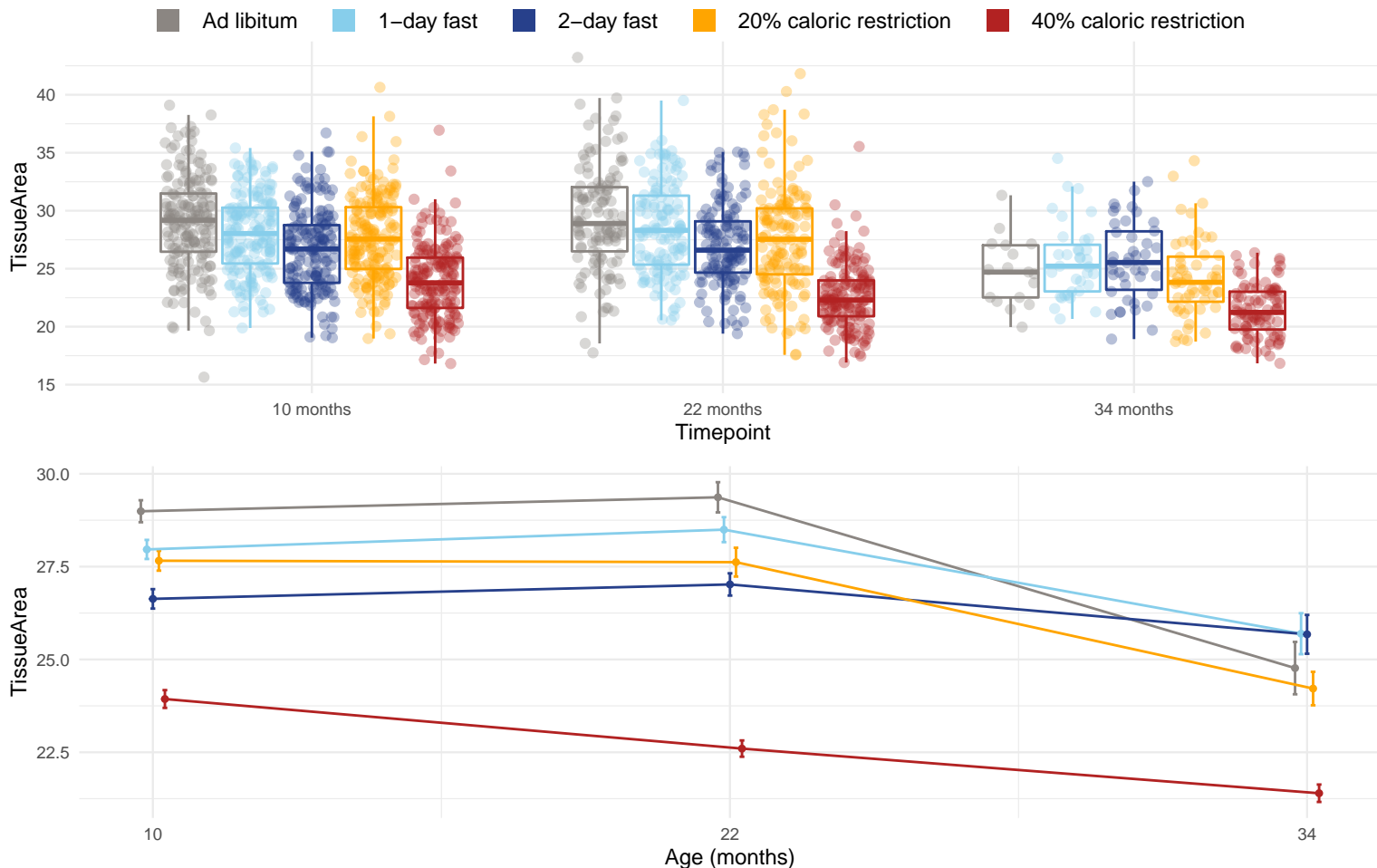


Diet and age effects on The soft tissue area (cm^2). Directly measured



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 = $6.04e-47$ and 22 months = $6.57e-47$. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 10 months are AL-1D, AL-2D, AL-20, AL-40, 1D-2D, 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-20, AL-40, 1D-2D, 1D-40, 2D-40 and 20-40. The p-value for the direct effect of age on TissueArea is $7.71e-07$. The p-value for the effect of the interaction between age and diet on TissueArea is $3.02e-11$. 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.