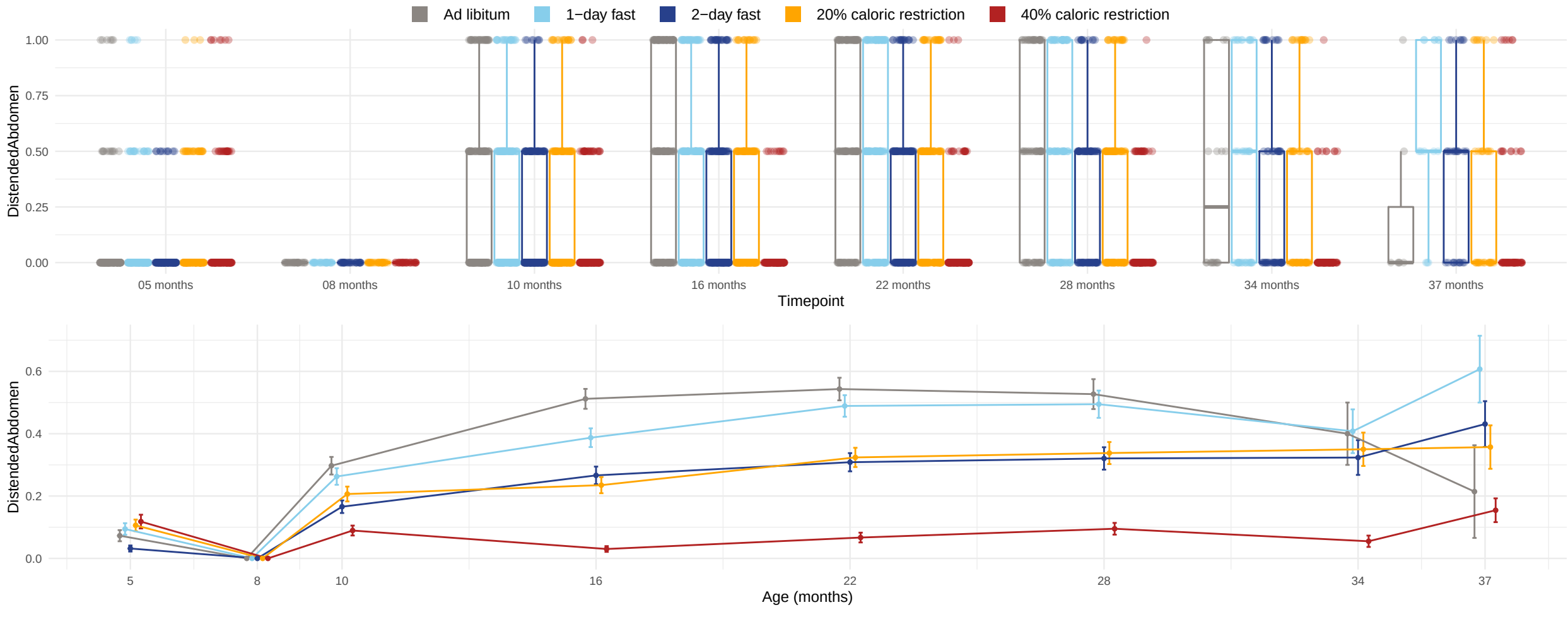
Diet and age effects on Bulging abdomen (0, 0.5, 1)



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, 08 months, 10 months, 16 months, 22 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 = 0.00558; 08 months = 0.742; 10 months = 4.54e−13; 16 months = 8.58e−40; 22 months = 2.62e−30 and 28 months = 2.46e−20. The diet pairs that have significantly different (Tukey p−value < 0.05) means at 05 months are 1D−2D and 2D−40. The diet pairs that have significantly different (Tukey p−value < 0.05) means at 10 months are AL−2D, AL−20, AL−40, 1D−2D, 1D−40 and 20−40. 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, 1D−2D, 1D−40, 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−20, 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−2D, AL−20, AL−40, 1D−2D, 1D−20, 1D−40, 2D−40 and 20−40. The p−value for the direct effect of age on DistendedAbdomen is 0.000823. The p−value for the effect of the interaction between age and diet on DistendedAbdomen is 9.57e−56. The diet pairs that have significantly different (Tukey p−value < 0.05) rates of change with age are AL−2D, AL−20, AL−40, 1D−2D, 1D−20, 1D−40, 2D−40 and 20−40.