



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 = 0.964; 16 months = $6.58\text{e-}07$ and 28 months = 0.00141. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are AL-2D, AL-20, AL-40 and 1D-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 28 months are AL-40 and 2D-40. The p-value for the direct effect of age on $\text{CD4T_CD62LnegCD44posPercCD4T}$ is $9.1\text{e-}28$. The p-value for the effect of the interaction between age and diet on $\text{CD4T_CD62LnegCD44posPercCD4T}$ is $8.57\text{e-}10$. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-20, AL-40, 1D-40, 2D-40 and 20-40.