# Analysis of mouse data

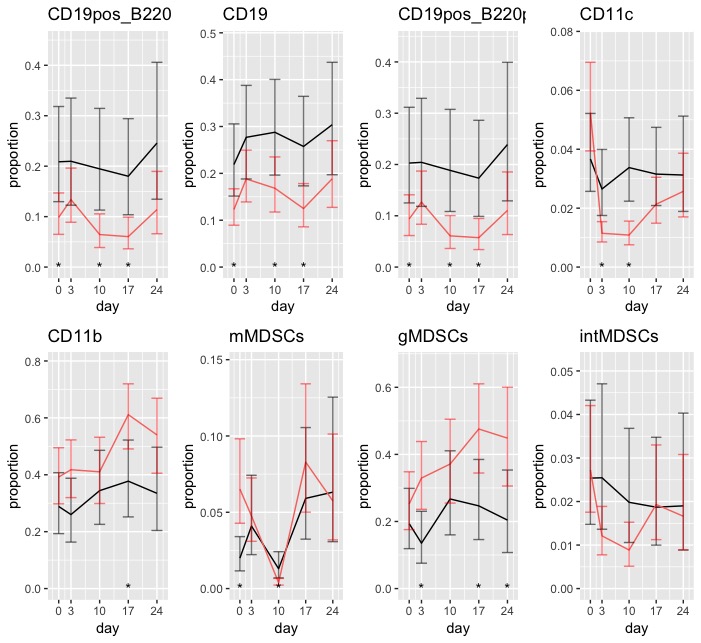
## Method

I have analysed each cell type separately. I converted the proportion of cells of the given type to the logit scale, and fitted a Normal linear mixed model, with mouse type and time as the predictors and the logit proportion as response. I included a random intercept for each mouse, to take into account the correlations of repeated observations of the same mouse. The parameter of interest is the interaction between mouse type and time. I have not made any adjustments for multiple comparisons. All confidence intervals are 95%.

All analysis was done in R version 3.6, with packages NMLE and LME4.

## Results

I have calculated Confidence intervals for the mean proportion, as predicted by the model. These are shown in the figure below. An asterisk on the x-axis shows that the difference between the two types of mice is significantly different from zero, at that time-point.



Red: T2 mice; black: WT mice.