**AR101 data**

**bat\_peanut\_dilutions: Data frame containing basophil activation test results**

**bat\_controls: Data frame containing results of basophil activation tests with controls and non-peanut allergens.**

**clinical\_data: Measurements (IgE, IgG4, skin-prick tests, etc) made a clinical visits**

**t\_cell\_data\_freq: Frequencies of T cell subsets observed in patient samples**

**t\_cell\_data\_pct: Percentages of T cell subsets observed in patient samples**

**bat\_peanut\_dilutions**

pid: patient ID

visit: visit of sample collection, either screen or exit

treatment: treatment group, either AR101, placebo, or Screen Failure. Screen failures are subjects who had no reaction to the double-blind oral food challenge administered at the screening visit and therefore failed the trial criteria but do offer an interesting comparison group for mechanistic study purposes.

Dilution columns (Dil0-7)

These columns report the BAT results, these give the number of CD203c positive basophils following stimulation. The stimulation (with peanut extract) was performed at up to eight different ten-fold dilutions for each sample. These were run in order of highest to lowest dilution. Since these are laborious measurements, once the basophil response dropped to zero, the Wambre lab stopped collecting data for a given sample. Dilutions for which no data was measured are indicated by NA. I don’t know the concentrations in terms of mg/mL for this data yet.

**bat\_controls**

pid: patient ID

stim: Alder (alder pollen, not a control but gives an idea of other allergic responses in the subject), Grass (grass pollen, not a control but gives an idea of other allergic responses), T+ (a combination of different allergens, a positive control), T- (negative control).

visit: visit, screen or exit

cd203c\_pct: BAT result, percent of cells positive for CD203c

**clinical\_data**

Information collected at the screening and exit visits.

pid: patient ID

age: age at the screening visit

sex: patient sex

race: patient race

treatment: AR101, placebo, or screen failure

spt\_baseline: screening visit peanut skin prick test

ige\_baseline: screening visit peanut-specific IgE

ige\_exit: exit visit peanut-specific IgE

igg4\_baseline: screening visit IgG4 (I think peanut-specific, but am not certain)

igg4\_exit: screening visit IgG4 (I think peanut-specific, but am not certain)

mtd\_baseline: minimum tolerated dose of peanut in the screening oral challenge

mtd\_exit: minimum tolerated dose of peanut in the exit oral challenge

severity\_baseline: allergy severity at the screening visit

anaphylaxis\_pre\_study: pre-trial history of anaphylaxis (yes/no)

asthma: pre-study history of asthma (yes/no)

**t\_cell\_data\_freq**

Frequencies of peanut-specific CD4 T cell subsets. Reported as frequencies per million CD4 T cells.

**t\_cell\_data\_pct**

Percentage of peanut-specific T cell subsets. Reported as percentages of the total number of peanut-specific CD4 T cells.