**Variables**

These are in no particular order. Also I have not truncated the variable names, feel free to name them something more conducive to a spreadsheet format.

* Bird Number
* Set Number
* Session
* Date Program Ran
* Contingency
* Condition
* Number of Pecks Required for a target response
  + This basically would tell me what type of FR schedule the stimulus is operating on. If the cell for a given trial says 3, then I know that the bird had to make 3 pecks to activate the stimulus’ function. This variable would only really apply to the early training phases. Since the later phases fix the pecking to FR1.
* Program Name
  + The actual name of the program file, so if multiple versions are run, we can keep track of when they were run and on which bird.
* Trial Number
  + A number to indicate what trial (i.e., what row) I am looking at on the data file.
    - This is important for subsetting. When you export e-prime data files they have no such variable which is very frustrating.
* Program Load Time
  + The time of day the RA loads the program before they put the bird in the box.
* Bird In Box Time
  + As soon as the RA loads the bird they will hit “spacebar,” this variable should reflect the moment they hit the spacebar.
* Experiment Start Time
  + The time (following the spacebar press) the experiment officially starts for the pigeon.
* Experiment End Time
  + The time at which the experiment goes to the end screen that allows the RA to exit safely.
* Apparatus Present
* Timeout Period
  + Corresponds to the amount of time (in seconds) the hopper will stay up if the beam is not broken.
* Reward Time
  + Amount of time (in milliseconds) the hopper stays up once the bird has broken the beam.
* Choice Stimulus
  + This should specify which choice stimulus was displayed
    - For instance a cell in this columns data file would display a value like . . . *C2*
    - If more than one stim is displayed on a particular trial, perhaps it could be logged as *C1&C3 or C3&C1* if the sides are swapped (e.g., C3 is on the left and C1 is on the right).
* Initial-Link
  + This should specify which initial-link was displayed using a similar sort of logic as the ‘choice stimulus’ variable above.
* Terminal-Link
  + This should specify which terminal-link was displayed using a similar sort of logic as the ‘choice stimulus’ variable.
* Choice Stimulus Side pecked
  + A 1, 2, or 3 value that indicates which side the bird responded to.
    - 1=Left, 2=Right, 3=Centre
* Initial-Link Side Pecked
  + A 1 or 2 value that indicates which side the bird responded to.
    - 1=Left, 2=Right
* Choice Stimulus pecked
  + A label indicating which choice stimulus the bird pecked.
    - E.g, if it says C3, then I know the bird pecked C3 and not C2, for instance.
* Initial-Link Side Pecked
  + A label indicating which initial-link stimulus the bird pecked.
* Choice Stimulus Reaction Time
  + The time it takes the bird to satisfy the pecking requirement, which in this case is just a single peck. So, in this case, the time it takes the bird to give a single response.
* Initial-Link Reaction Time
  + Same idea as the choice stimulus reaction time.
* Terminal-Link Peck Log
  + This should contain time-stamps for every peck the bird makes to the terminal-link.
* Terminal Link Latency
  + This should contain the timestamp of the very first peck to the terminal link.
* Terminal Link Final Response
  + This should contain the timestamp of the very last peck to the terminal link.
* Terminal Link Duration
  + This is a fixed duration that is constant across terminal-links, but since I am liable to forget how long we set this for, we should include it as a variable.
* Inter-trial interval (ITI)
* Choice Stimulus Screen Peck Count
  + The number of pecks made to the screen (including the stimulus itself)
* Initial Link Screen Peck Count
  + Same logic as the ‘choice stimulus screen peck count’ variable
* Terminal-Link Screen Peck Count
  + Same logic as the ‘choice stimulus screen peck count’ variable