**Instructions for question\_acc.py**

This script gets the question answering data from a batch of .asc files, together with RT.

* It is written in python 3. You will need to have installed python 3 on your computer (and if you also have Python2, you’ll have to be sure you invoke the right Python version). Other than that, it is platform independent.
* You may run it in whatever way you run python scripts. It does not take any arguments at the command line other than the script name itself. For example, say you are running your script from the Mac Terminal. You simply type:

python3 question\_acc.py parameters.txt

* Optionally, you may also use the verbose mode (--verbose or –v) to print additional information about subject accuracy in the terminal window.

python3 question\_acc.py –v parameters.txt

* If you do not specify the name of parameters file in the command line, the script will then prompt you for the name of your parameter file. An example parameter file is included with Robodoc.py; the example is simply called parameters.txt, but you can call it whatever you want.

python3 question\_acc.py

* While there are lots of settings in the parameter file, almost all are specific to Robodoc.py. Only one thing is relevant to question\_acc.py: the list of .asc files:

file\_list = ['F11011\_fa.asc',

'F11022\_fa.asc',

'F11031\_fa.asc',

'F11042\_fa.asc',

'F11061\_fa.asc']

* If the file\_list variable is left empty, then the program will use all \*.asc files in the local directory, i.e., the directory the Python program is in.

file\_list = []

* Both the parameter file and the .asc files that it calls must be in the same director as question\_acc.py.
* This script spits out two files.
  + subj\_quest.txt concatenates data from all subjects (not a separate file for each subject), one line per question trial. The format of an output line is:

subject condition item correct\_response provided\_response RT

e.g.: F11\_2051 104 904 7 6 5185

* QuestSum.txt provides one line per subject, giving the percent correct for each subject.
* Note that this script won't work if you haven't provided a correct response for each question, in your experiment script.