TI-86 Commands Part 2

• TO SET UP THE SOLVER FOR t-critical values:

2\textsuperscript{nd} | SOLVER the following appears on the screen: \textbf{eqn:} if anything appears after this then delete it.

Now you will enter the following: \textbf{eqn: }\text{tcdf(L,U,D) -A=0} to do this follow the steps below.

2\textsuperscript{nd} | MATH | MORE | STAT | DISTR | tcdf \text{tcdf(} appears on screen after \textbf{eqn:}

\text{ALPHA | L | , | ALPHA | U | , | ALPHA | D | ) | - | ALPHA | A | ALPHA | = | 0 then press ENTER}

The top of your screen should appear as follows: \textbf{tcdf(L,U,D) -A=0} beneath this will be listed all of the letters used in the equation followed by an = sign.

To use this equation, you need to follow the instructions provided by your Stat 216 instructor.

• TO CREATE A NEW MATRIX: Note: for Stat 216 you should not have a matrix named A. This letter is reserved for the Solver function. You should set up two new matrices.

2\textsuperscript{nd} | MATRX | EDIT Name = B ENTER EXIT Repeat this process to create another matrix C.

• TO EDIT A MATRIX:

2\textsuperscript{nd} | MATRX | EDIT Name = (select name) ENTER Now enter the size of the matrix and then the values. You don’t have to erase previous numbers, just type over them.

• To DELETE a MATRIX: 2\textsuperscript{nd} | MEM | DELETE | MATRIX then select name to delete

• TO SET UP THE CHI-SQUARE TEST FUNCTION:

2\textsuperscript{nd} | MATH | MORE | STAT | TESTS | MORE | MORE | Chist Now enter the following.

Observed = 2\textsuperscript{nd} | MATRX | NAMES | B Expected = 2\textsuperscript{nd} | MATRX | NAMES | C

• TO RESET THE SOLVER FOR Chi-square critical values:

Go to the SOLVER and change the equation to the following: \textbf{eqn: }\text{chicdf ( L,U,D,) – A = 0}

using the procedures listed above. To get \text{chicdf} press the following.

2\textsuperscript{nd} | MATH | MORE | STAT | DISTR | MORE | chicdf

To use this equation, you need to follow the instructions provided by your Stat 216 instructor.