Statistics 147: Exam I Checklist Summer 2020

NOTE:

♣ The exam will be given at the following date and times in Olmh 1316:

    ♠ **Part 1, SAS: Monday, July 6, 2020**

       ♢ 1:10 pm - 2:45 pm (Submission Time: 2:45 pm - 3:00 pm)

    ♠ **Part 2, R: Monday, July 6, 2020**

       ♢ 3:10 pm - 4:45 pm (Submission Time: 4:45 pm - 5:00 pm)

♣ Be sure to have all of the required data files organized and ready to use.

♣ Any material covered so far in the course may be included on the exam. You may use your course materials, but do not count on having much time to look through them!

♣ All data files are located on Blackboard under **Course Materials → Exam I Materials**.

    `dogdiet.dat`   `dogjudge.dat`

R Portion	
Description	**Completed**

Write R code for exam day. Be sure to include titles:
    Statistics 147 Exam I, Part 2: R
    Summer 2020
    Your name
    Question X (where X = question number)
	✔

Be able to change the working directory in R	✔
Read in and print out the data files: **dogdiet.dat**, **dogjudge.dat**	✔
Probability Distributions, Descriptive Statistics (graphical, numeric)	✔
Don't forget the *attach*, *tables*, *cbind* and *names* functions	✔

Please turn the page ⇒⇒⇒

SAS Portion

Description	Completed

Write SAS program to be opened on exam day. Be sure to include titles and options statements:
    Statistics 147 Exam I, Part 1: SAS
    Summer 2020
    Your name
    Question X (where X = question number)
    Part T (where T = subpart number)
	✔

Be able to change the working directory in SAS	✔
Read in and print out data file **dogdiet.dat** (using nested DO Loops) NOTE: Data begins on Line 3. There are 8 rows and 3 columns of actual data.	✔
Be able to use IF-THEN-ELSE structures	✔
Be able to use IF structures to subset data	✔
Read in and print out data file **dogjudge.dat** (DO NOT use DO Loops) Actual data starts on line 3. There are 11 rows of actual data.	✔
Don't forget the *set*, *firstobs*, *obs* and *formdlim* commands	✔
Probability Distributions, Descriptive Statistics (graphical, numeric)	✔
Do Loops, Nested Do Loops	✔

NOTE: Include the following options/goptions:

```
/* Set up format of the output */
options nocenter ps = 55 nocenter ls = 78 nodate nonumber formdlim='*';
 /* ls = linesize,  ps = pagesize
          nocenter      justifies the output so it is not centered on the page
          nodate        suppresses printing of today's date on each page of output
          nonumber      suppresses printing of page number on each page of output
          formdlim      overrides the internal page breaks and replaces them
                          with the designated symbol*/


/* Add line of code to clear all windows except the editor window */
DM log "odsresults; clear; out; clear; log; clear;";
ods graphics off;
/* goptions   formats the plot
                  colors    colors to use
                  ftitle    font of the plot title
                  ftext     font of the text in the plot (except the title)
                  htitle    height of the title
                  htext     height of text on the plot (except the title)
*/
goptions reset = all colors= (blue,red,green,purple)
      ftitle = swissb ftext=swissb htitle=1.5 htext = 1.0;
```