

ASSIGNMENT 14 Statistical Programming

IN THIS ASSINGMENT YOU GET QUESTIONS ON STATISTICAL PROGRAMMING

* Required

1. Email address *

2. CERTIFICATION BATCH *

Mark only one oval.

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5
- ☐ OTHERS

3. 1. What is the role of processing code in the research pipeline? *

Mark only one oval.

- ☐ Transforms the analytical results into figures and tables
- ☐ Transforms the analytic data into measured data
- ☐ Transforms the measured data into analytic data
- ☐ All of the Mentioned

4. 2. Which of the following is a goal of literate statistical programming? *

Mark only one oval.

- ☐ Combine explanatory text and data analysis code in a single document
- ☐ Ensure that data analysis documents are always exported in JPEG format
- ☐ Require that data analysis summaries are always written in R
- ☐ None of the Mentioned

5. 3. What does it mean to weave a literate statistical program? *

Mark only one oval.

- ☐ Convert a program from S to python
- ☐ Convert the program into a human readable document
- ☐ Convert a program to decompress it
- ☐ All of the Mentioned

6. 4. Which of the following is required to implement a literate programming system? **Mark only one oval.*

- ☐ A programming language like Perl
- ☐ A programming language like Java
- ☐ A programming language like R
- ☐ All of the Mentioned

7. 5. What is one way in which the knitr system differs from Sweave? **Mark only one oval.*

- ☐ knitr allows for the use of markdown instead of LaTeX
- ☐ knitr is written in python instead of R
- ☐ knitr lacks features like caching of code chunks
- ☐ None of the Mentioned

8. 6. Original idea comes of Literate Statistical Practice from : **Mark only one oval.*

- ☐ Don Knuth
- ☐ Don Cutting
- ☐ Douglas Cutting
- ☐ All of the Mentioned

9. 7. Point out the correct statement: **Mark only one oval.*

- ☐ An article is stream of code and text
- ☐ Analysis code is divided in to code chunks only
- ☐ Literate programs are tangled to produce human readable documents
- ☐ None of the Mentioned

10. 8. Which of the following is required for literate programming ? **Mark only one oval.*

- ☐ documentation language
- ☐ mapper language
- ☐ reducer language
- ☐ all of the Mentioned

11. 9. Which of the following is required to implement a literate programming system ? **Mark only one oval.*

- ☐ A programming language like Perl
- ☐ A programming language like Java
- ☐ A programming language like R
- ☐ All of the Mentioned

12. 10. Which of the following way is required to make work reproducible ? **Mark only one oval.*

- ☐ keep track of things
 - ☐ Save output
 - ☐ Save data in proprietary formats
 - ☐ None of the Mentioned
-

Powered by

