



Theme 3 Quiz 1

TOTAL POINTS 5

1. A pipeline 1 point
- ☐ should not be reproducible and should not be publicly available
 - ☐ is always done in R
 - ☐ is inhomogeneity correction
 - ☒ is a choice of a particular set and sequence of image pre-processing steps
2. Which of these is NOT one of the four conceptual pre-processing steps we describe in this lecture 1 point
- ☐ inhomogeneity correction
 - ☒ temporal registration
 - ☐ skull stripping
 - ☐ spatial interpolation
 - ☐ spatial registration
3. The probability distribution function of tissue classes may depend on the spatial localization of the tissue 1 point
- ☒ True
 - ☐ False
4. N3 Correction is 1 point
- ☐ an algorithm for skull stripping
 - ☒ an algorithm for inhomogeneity correction
 - ☐ a package in R
 - ☐ a brand of image pre-processing pipeline
5. The program dcm2nii is used to 1 point
- ☒ to convert images from DICOM to NIfTI format
 - ☐ perform inhomogeneity correction
 - ☐ perform skull stripping
 - ☐ to reverse inhomogeneity correction

☒ I, **Thomas John James**, understand that submitting another's work as my own can result in zero credit for this assignment. Repeated violations of the Coursera Honor Code may result in removal from this course or deactivation of my Coursera account.

[Learn more about Coursera's Honor Code](#)



Save

Submit