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 in 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

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