



## Theme 4 Quiz 9

TOTAL POINTS 5

1. After the registration and interpolation the ROI in our example is still a binary image 1 point  
☒ False  
☐ True
2. For this lecture we are using a labeled atlas. Which atlas is this? 1 point  
☐ Adam  
☐ FLAIR  
☐ MNI  
☒ Eve
3. What operation is performed in this lecture to binarize the ROI? 1 point  
☒ thresholding  
☐ least square  
☐ maximum likelihood  
☐ watershed algorithm
4. What value was used to binarize the ROI? 1 point  
☐ maximum likelihood returns a binary ROI automatically and does not require the input of a value  
☐ watershed start value of 0.5  
☐ a threshold value of 0.3  
☒ a threshold value of 0.5
5. In the results from this lecture, what percentage of the insular is engaged by the region (as assessed from the THRESHOLDED ROI). 1 point  
☐ 31.2  
☐ 34.5  
☐ 27.5  
☒ 32.4

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