

Spatial Modeling & MCP: Quiz

- I-1 Explain the difference between explicit and implicit spatial modeling.
- I-2 Describe what constitutes a Familywise Error.
- I-3 Fill in the blank: I examine 20 statistic images, each thresholded such that Familywise Error Rate is controlled at 5%. On average, I expect that only _____ of these 20 thresholded statistic images will have any false positive voxels.
- I-4 All other things equal, increasing smoothness (i.e. increasing FWHM) has what impact on corrected p-values?
- I-5 If I decrease my smoothness (decrease FWHM), in order to have the same FWER, how do I have to change my threshold?