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### **Lab 6 Deliverable 3**

*What percent likelihood is there that the pattern of crime occurrences in Manhattan could occur by chance; how did you reach your conclusion?*

A spatial autocorrelation report was conducted based upon the Global Moran's I, which states, "Given the z-score of 9.32103, there is a less than 1% likelihood that this clustered pattern could be the result of random chance", meaning that the pattern of crime occurrences is *not* by random chance. Also, the p-value was listed to be "0.000000" and can be interpreted that there is an extremely slim chance that an inconclusive result was calculated as well.