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Proj4

Data Analytics

Confidence Intervals in Computer Vision

Answers for # 7:

a) How did the resulting edge image look and change as you varied the confidence intervals?

This images became darker with each confidence interval iteration. The image edges started to stand out much more as the interval was tightened.

b) Did your assumption about your selection for a high-edge-count image hold true? Discuss why or why not?

I believe my assumption about my high-edge-count image faltered as the interval was tightened. I think this is due to the fact that although it seemed to have more edges initially, the mean of the picture (since so many edges seemed to exist) made the final 90 percent image show less edges.

c) Did your assumption about your selection for a low-edge-count image hold true? Discuss why or why not?

I believe my assumption about my low-edge-count image died as the edges that I was not even able to see in the original, really stood out by the final interval. I believe this is due to the over all mean of the pixel values. So the final 10 percent image edge stand outs really showed through.