

CS663 Assignment 2

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Question 8

The results of doing local and global histogram equalisation is as follows:

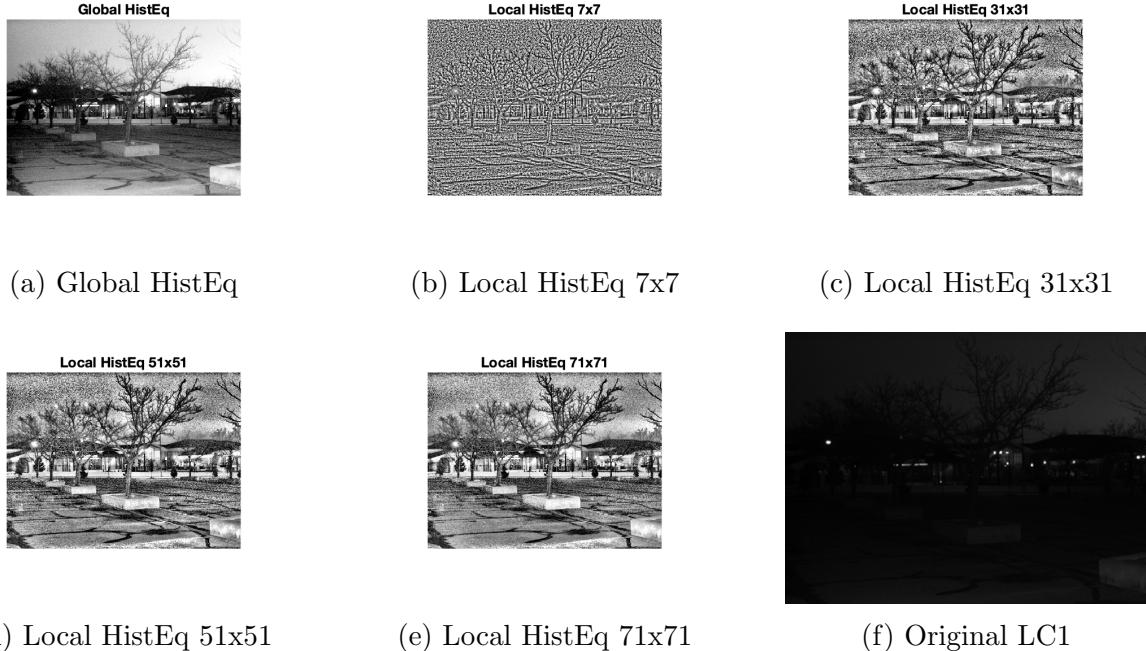


Figure 1: Results for LC1.png

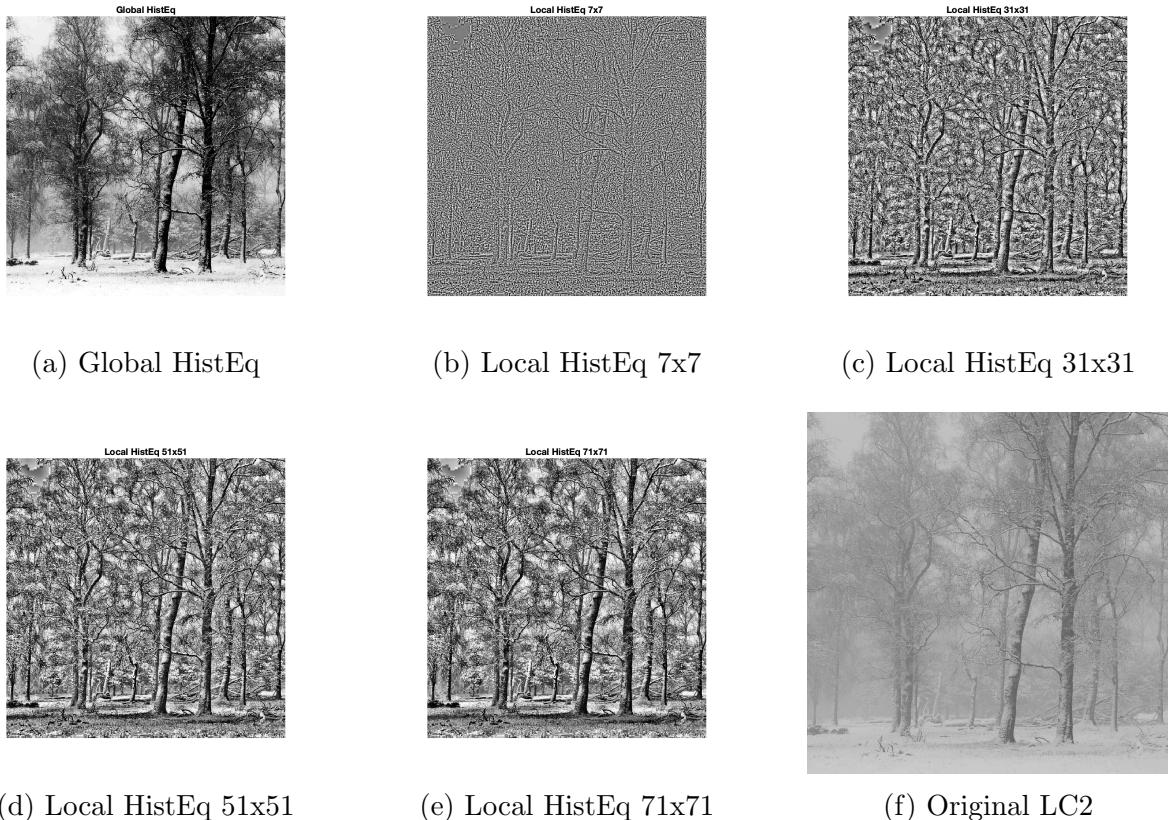


Figure 2: Results for LC2.png

Upon comparing the global and local histogram equalisation for LC1 the patches outlined in the red boxes were found to have **better contrast** in the local method than in the global method:

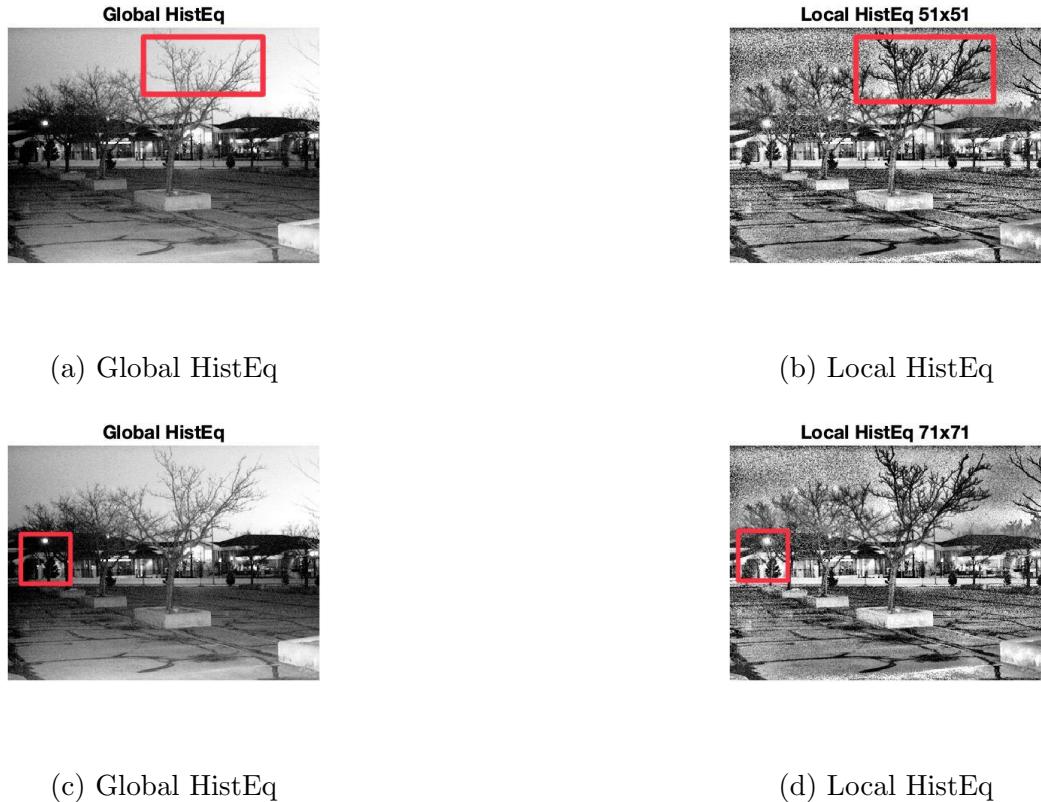


Figure 3: Contrasts for LC1.png

Similar results were obtained for the image LC2:

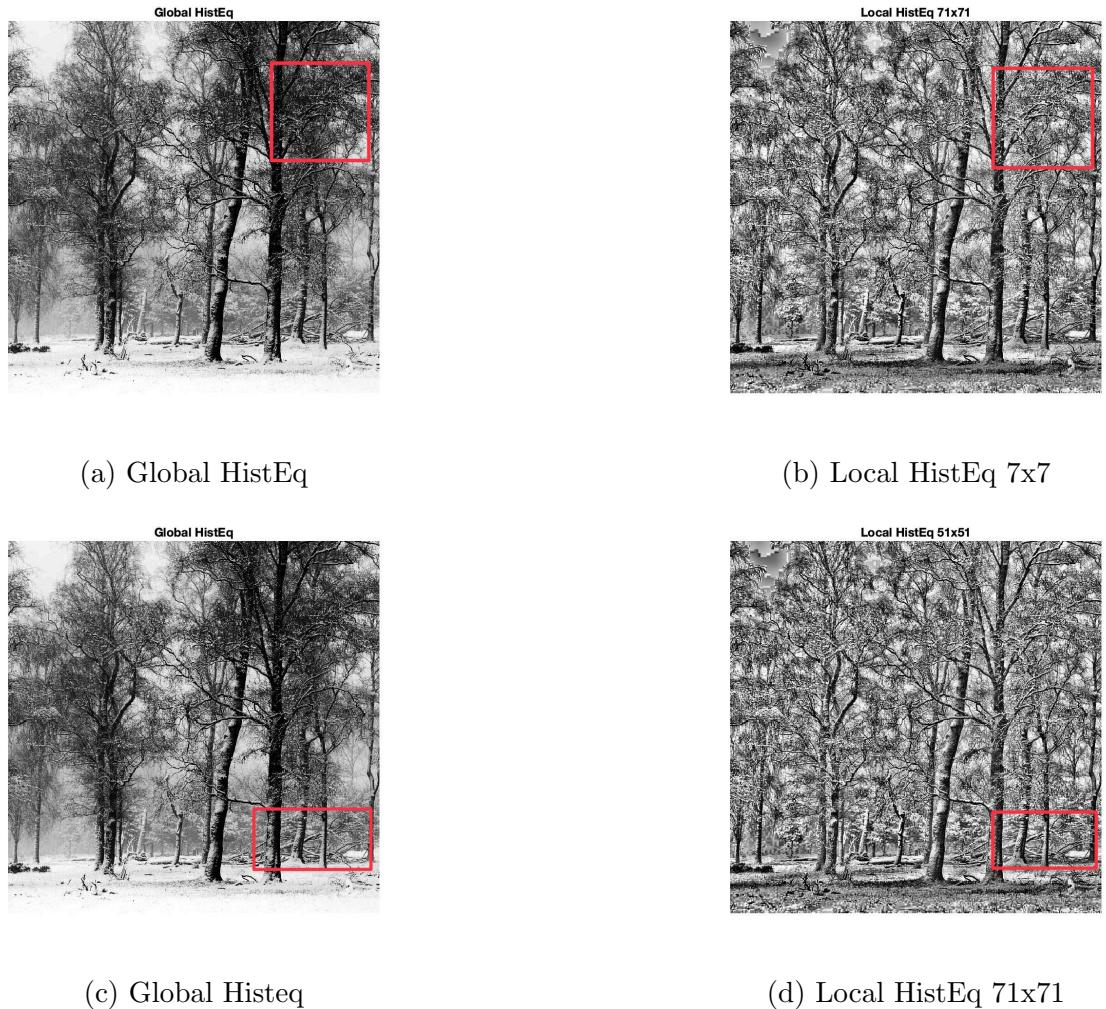


Figure 4: Contrasts for LC2.jpg