Image Compression

NOAH SHERRY

Compression Method

- NLS Image Compression uses modified Run-Length Encoding
- The two types of Run-Length Encoding used are as follows:
  - Run-Length by rows
  - Run-Length by columns
- NLS Image Compression chooses the best encoding type based on the input image's height and width.

Statistics

- DISCLAIMER: NLS Image Compression only works with XKCD images.
- Bits per Pixel (b/px):
  - Min: 0.536 b/px
  - Max: 0.828 b/px
  - Avg: 0.655 b/px
- Size Reduction (kb compressed):
  - Min: 3.8 kb
  - Max: 7.8 kb
  - Avg: 5.94 kb