

Figure 1 displays a 10x10 grid of heatmaps, each representing the correlation between a pair of variables from a set of 20 variables. The variables are listed on the left side of the grid, and the heatmaps are arranged in a 10x10 matrix. The diagonal elements are all 1.0, indicating perfect self-correlation. The off-diagonal elements show varying degrees of correlation, with some variables showing high positive correlations (red) and others showing low or negative correlations (blue). The color scale ranges from -0.50 (dark blue) to 1.00 (dark red).

The variables included are:

- SiteNumber
- Stage
- Discharge
- width
- height
- exposure
- fNumber
- isoSpeed
- shutterSpeed
- grayMean
- graySigma
- entropyMean
- entropySigma
- hMean
- hSigma
- sMean
- sSigma
- vMean
- vSigma
- areaFeatCount
- grayMean0
- graySigma0
- entropyMean0
- entropySigma0
- hMean0
- hSigma0
- sMean0
- sSigma0
- vMean0
- vSigma0
- grayMean1
- graySigma1
- entropyMean1
- entropySigma1
- hMean1
- hSigma1
- sMean1
- sSigma1
- vMean1
- vSigma1
- WeirAngle
- WeirP1X
- WeirP1Y
- WeirP2X
- WeirP2Y
- WwRawLineMin
- WwRawLineMax
- WwRawLineMean
- WwRawLineSigma
- WwCurveLineMin
- WwCurveLineMax
- WwCurveLineMean
- WwCurveLineSigma