**MCAI: Multivariate Concavity Amplitude Index**

**USER MANUAL**

**Processing the data**

On Matlab command line, press: MCAI=MCAI (D\_load)

‘D\_load’ is the directory where the input images will be loaded from.

**Data output**

Each matrix inside the structure array will correspond to MCAI results for one specific orientation (as mentioned in the matrix name), or to the total MCAI values independent of orientation.

Each matrix have lines providing MCAI results for each input image, and have 4 columns providing MCAI values from first to fourth dominant concavities in each line of each matrix.