

Supplemental File 2 to Classification of simple and complex biological images using Krawtchouk moments and Generalized Pseudo-Zernike moments: a case study with fly wing images and breast cancer mam-mograms

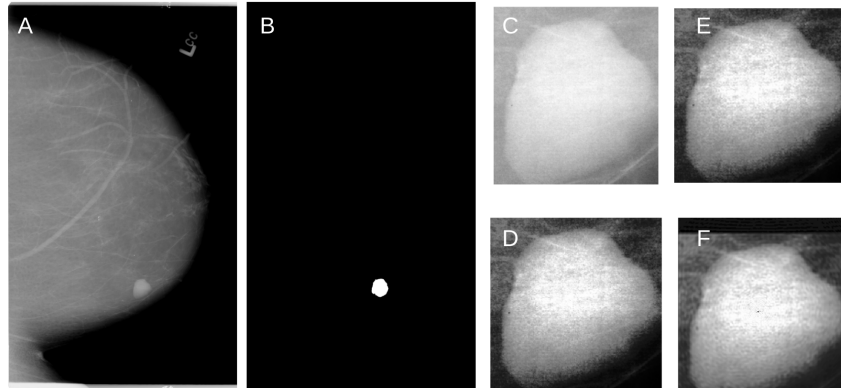


Figure 1: (A) An example of the raw mammogram image showing benign circumscribed breast tumor (index no. P_01712). (B) Binarized mammogram image showing the tumor (white). (C) Region of interest centered on the tumor ($296 \text{ pixel} \times 319 \text{ pixel}$) before (D) Enhancement. (E) Reconstruction using KM; (F) Reconstruction using GPZM.

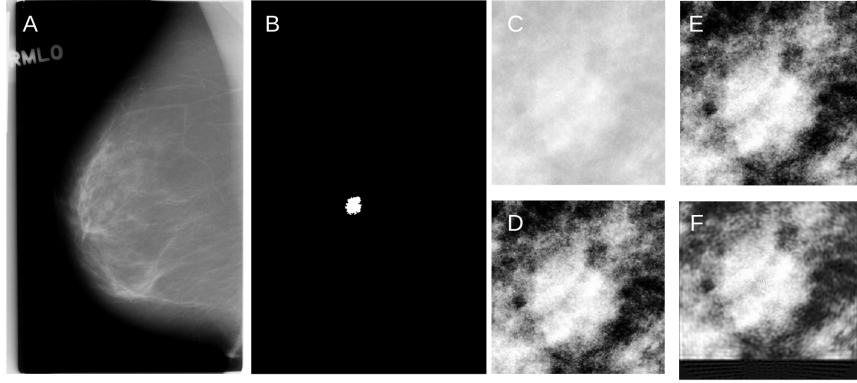


Figure 2: (A) An example of the raw mammogram image showing benign circumscribed breast tumor (index no. P_01395). (B) Binarized mammogram image showing the tumor (white). (C) Region of interest centered on the tumor (259 pixel \times 275 pixel) before (D) Enhancement. (E) Reconstruction using KM; (F) Reconstruction using GPZM.

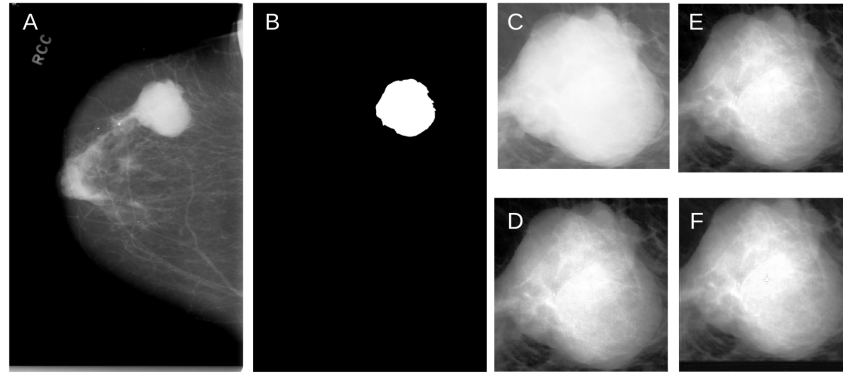


Figure 3: (A) An example of the raw mammogram image showing malignant circumscribed breast tumor (index no. P_01270). (B) Binarized mammogram image showing the tumor (white). (C) Region of interest centered on the tumor (996 pixel \times 960 pixel) before (D) Enhancement. (E) Reconstruction using KM; (F) Reconstructed using GPZM.