Breast Ultrasound Image Segmentation: an optimization approach based on super-pixels and high-level descriptors

Quality Control by Artificial Vision 4th June 2015

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Qualitative results Super-pixel classification vs Area-Overlap



(a) Original Image, Ground Truth and Super-Pixels delineation.

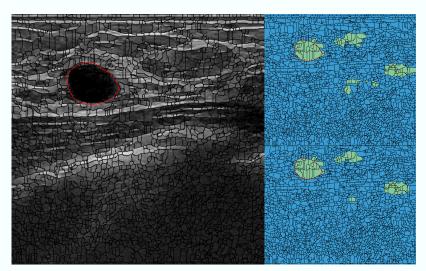


(b) $\{lesion, \overline{lesion}\}\$ labeling results, GT and SP delineation.



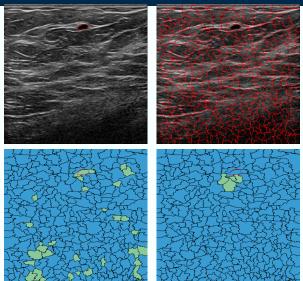


Qualitative results Influence of the Smoothing Term to False Positive Ratio





Qualitative results When False Negative Emerge





Quantitative Results

