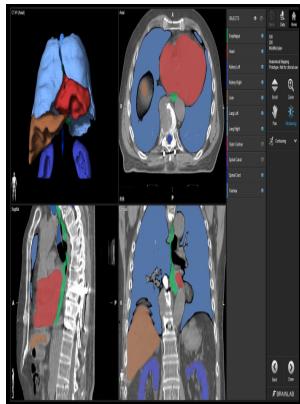


Quantitative comparison of automatic contouring algorithms.

University of Kansas - A comparative study on the contour tracking algorithms in ultrasound tongue images with automatic re



Description: -

-Quantitative comparison of automatic contouring algorithms.

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Notes: Thesis (M.Sc.) - University of Kansas, Department of Computer Science, 1972.

This edition was published in 1972



Filesize: 47.39 MB

Tags: #Evaluation #of #measures #for #assessing #time

Automatic detection of contouring errors using convolutional neural networks

For cases d and h the two planes intersect along an edge of the triangle and therefore line is drawn between the two vertices that lie on the contour level. Segmentation processing was performed on a single organ basis instead of multiple organ segmentation, and the outcomes were compared with those of the deep-learning-based segmentation conducted using the same conditions. Reasonable agreement could be observed on all three dimensions for these three slices between automatically and manually contoured GTV.

Quantifying the accuracy of automated structure segmentation in 4D CT images using a deformable image registration algorithm

Automatic multi-organ segmentation on abdominal CT with dense v-networks. Computer algorithms for contouring spatial data differ in subtle ways that affect the appearance of maps which they produce. Worst case is shown for the patient images with most image artifacts, in red open triangles.

A comparative study on the contour tracking algorithms in ultrasound tongue images with automatic re

The image will be over-smoothed if σ_x is larger than 3 mm

Frontiers

However, the residual motion will transmit artifacts from the initial reconstruction to the final images.

Related Books

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