
Subject: 3D segmentation of MRIs
Posted by [glenn](#) on Wed, 26 Jul 1995 07:00:00 GMT
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We have associated a set of axial images into idl from a 3D-MRI data set from the lower leg. We would like to calculate muscle volume from the serial images. Does anybody know of an IDL routine that will do 3D segmentation. Any help would be greatly appreciated.

-Glenn

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Subject: Re: 3D segmentation of MRIs
Posted by [doug ranken](#) on Fri, 11 Aug 1995 07:00:00 GMT
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glenn@ginger.mmrrcc.upenn.edu (Glenn Walter) wrote:
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> from the lower leg. We would like to calculate muscle volume from the
> serial images. Does anybody know of an IDL routine that will do 3D
> segmentation. Any help would be greatly appreciated.

Take a look at the SEARCH3D function. If the intensity range of the muscle tissue is sufficiently distinct from the surrounding tissues, this may be all you need. I have IDL based routines that will do automatic segmentation of the brain from MRI head data. These might work with your data. Send me email if you're interested.

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