

Machine Learning for Healthcare

Handling and Managing Data

Edited By Rashmi Agrawal, Jyotir Moy Chatterjee, Abhishek Kumar, Pramod Singh Rathore, Dac-Nhuong Le

[< Back to book](#) (/books/9780429330131)

Chapter 9 | 14 Pages

Performance Analysis of Machine Learning Algorithm for Healthcare Tools with High Dimension Segmentation

With Soobia Saeed, Afnizanfaizal Abdullah, N. Z. Jhanjhi, Mehmood Naqvi, Mamoona Humayun

The eBook version of this book has not been published yet.
Close this message to accept cookies and our [Terms and Conditions](#). (./terms-and-conditions) We use cookies to distinguish you from other users and to provide you with a better experience on our websites. Find out how to manage your cookie settings [here](#). (./cookie-policy).



Graph cutting option in Image Segmented Image cutting program, Graph Cut is a semi-automatic segmentation technology that can be used by a researcher to separate an image into front and back components. Graph Cut technology applies graphics theory to image processing to achieve rapid fragmentation. The technique creates a graphic for the image where each pixel is a knot connected to a weighted edge. The researcher discusses the cellular damage of brain cells or tissues due to brain cell abnormalities. The purpose of using a set of tools to work with luminous images in MATLAB is to decode, calibrate correct, correct, color, filter basic images, and display luminous images. The purpose of choosing a high dimensional pattern structure is to implement the pattern cutting algorithm to reduce energy function. The algorithm estimates the color distribution of the target object and the background color using the Gaussian Mix model and begins with a user-defined schema in the object into a section.



(<https://www.taylorfrancis.com/>)

Policies



Journals





Corporate



Help & Contact



Connect with us

 (<https://www.facebook.com/TaylorandFrancisGroup/>)  (<https://twitter.com/tandfnewsroom?lang=en>)

Close this message to accept cookies and our [Terms and Conditions](#). ([./terms-and-conditions](#)) We use cookies to distinguish you from other users and to provide you with a better experience on our websites. Find out how to manage your cookie settings [here](#). ([./cookie-policy](#))



 (<https://www.youtube.com/user/TaylorandFrancis>)  (<https://uk.pinterest.com/tandfpins/>)

Registered in England & Wales No. 3099067
5 Howick Place | London | SW1P 1WG

Close this message to accept cookies and our [Terms and Conditions. \(/terms-and-conditions\)](#) We use cookies to distinguish you from other users and to provide you with a better experience on our websites. Find out how to manage your cookie settings [here. \(/cookie-policy\)](#)

