

Accepted Manuscript

Lymphoma images analysis using morphological and non-morphological descriptors for classification

Marcelo Zanchetta do Nascimento, Alessandro Santana Martins, Thaína Aparecida Azevedo Tosta, Leandro Alves Neves

PII: S0169-2607(17)31443-8
DOI: [10.1016/j.cmpb.2018.05.035](https://doi.org/10.1016/j.cmpb.2018.05.035)
Reference: COMM 4732



To appear in: *Computer Methods and Programs in Biomedicine*

Received date: 2 December 2017
Revised date: 29 May 2018
Accepted date: 30 May 2018

Please cite this article as: Marcelo Zanchetta do Nascimento, Alessandro Santana Martins, Thaína Aparecida Azevedo Tosta, Leandro Alves Neves, Lymphoma images analysis using morphological and non-morphological descriptors for classification, *Computer Methods and Programs in Biomedicine* (2018), doi: [10.1016/j.cmpb.2018.05.035](https://doi.org/10.1016/j.cmpb.2018.05.035)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- We present a approach for classification lymphoma subtypes employed to images.
- The evaluation of morphological and non-morphological features of lymphoma images.
- We validate the proposed approach considering the metrics accuracy and AUC.
- The features was evaluated by applying the DT, RF, SVM and PL classifiers.
- The proposed approach achieved AC values among 95% and 100%.

Download English Version:

<https://daneshyari.com/en/article/6890747>

Download Persian Version:

<https://daneshyari.com/article/6890747>

[Daneshyari.com](https://daneshyari.com)