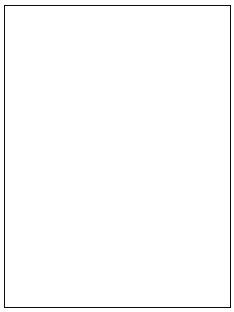
Accepted Manuscript



Predicting malignant nodules from screening CTs

Samuel Hawkins, Hua Wang, Ying Liu, Alberto Garcia, Olya Stringfield, Henry Krewer, Qian Li, Dmitry Cherezov, Robert A. Gatenby, Yoganand Balagurunathan, Dmitry Goldgof, Matthew B. Schabath, Lawrence Hall, Robert J. Gillies

PII: S1556-0864(16)30600-1

DOI: 10.1016/j.jtho.2016.07.002

Reference: JTHO 257

To appear in: *Journal of Thoracic Oncology*

Received Date: 24 March 2016

Revised Date: 29 June 2016

Accepted Date: 1 July 2016

Please cite this article as: Hawkins S, Wang H, Liu Y, Garcia A, Stringfield O, Krewer H, Li Q, Cherezov D, Gatenby RA, Balagurunathan Y, Goldgof D, Schabath MB, Hall L, Gillies RJ, Predicting malignant nodules from screening CTs, *Journal of Thoracic Oncology* (2016), doi: 10.1016/j.jtho.2016.07.002.

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.

ACCEPTED MANUSCRIPT

Predicting malignant nodules from screening CTs

Samuel Hawkins[1], Hua Wang[2, 3], Ying Liu[2, 3], Alberto Garcia[3], Olya Stringfield[3], Henry Krewer[1], Qian Li[2, 3], Dmitry Cherezov[1], Robert A. Gatenby[4], Yoganand Balagurunathan[3], Dmitry Goldgof[1], Matthew B. Schabath[5], Lawrence Hall[1], and Robert J. Gillies[3, 4]

[1]Dept. Computer Sciences and Engineering, University of South Florida; [2]Department of Radiology, Tianjin Medical University Cancer Institute and Hospital, National Clinical Research Center of Cancer, Key Laboratory of Cancer Prevention and Therapy, Departments of [3]Cancer Imaging and Metabolism, [4]Radiology and [5]Cancer Epidemiology, H. Lee Moffitt Cancer Center and Research Institute

*Corresponding Author: Robert Gillies, Ph.D
H. Lee Moffitt Cancer Center and Research Institute,
12902 Magnolia Drive, Tampa, FL 33612.
E-mail: Robert.Gillies@Moffitt.org

Running head: Radiomics of the NLST
Abstract Word Count: 149 Words
Text Word Count: 2996 Words
No. of Tables and Figures: 3 Tables and 3 Figures;
Supplemental: 8 Supplemental Tables and 3 Supplemental Figures
No. of References: 35
Key words: Screening, Radiomics, Lung Cancer

Funding: This work was supported by USPHS Research Grants U01 CA143062 (RJ Gillies, PI) and U24 CA180927 (B Rosen, PI), Cancer Center Support Grant P30 CA076292 (T. Sellers, PI) and the State of Florida Dept. of Health grants 2KT01 and 4KB17.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/5701751

Download Persian Version:

https://daneshyari.com/article/5701751

Daneshyari.com