



Radiomics in Brain Tumor Imaging

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Message from the Guest Editors

Dear Colleagues,

Brain tumors have a profound impact on a patient's quality of life and on the healthcare system due to the substantial level of disability already apparent in the early stages of disease, which poses a major medical and socio-economical burden. Magnetic resonance (MR) imaging and positron emission tomography (PET) are the most commonly used techniques to diagnose and provide follow-up of brain tumors. The interpretation of these images is currently based on qualitative image interpretation. Radiomics provides a quantitative way of image analysis in which the purpose is to link radiological features with clinical information, patient's outcome and treatment response assessment, as well as cellular or molecular tumor properties, and thus derive additional information about the entire tumor volume from routinely assessed non-invasive imaging techniques.





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Message from the Editor-in-Chief

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