

Materials List for:

Predicting Treatment Response to Image-Guided Therapies Using Machine Learning: An Example for Trans-Arterial Treatment of Hepatocellular Carcinoma

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Materials

Name	Company	Catalog Number	Comments
Computer workstation	N/A	N/A	Intel Core 2 Duo or higher CPU at 2.0 GHz; 4 GB or more system memory; POSIX-compliant operating system (Linux or Mac OS) or Microsoft Windows 7; User permissions for executing programs and saving files
Anaconda Python 3	Anaconda, Inc.	Version 3.6	Python 3 system and libraries packaged for scientists and researchers
DICOM to NifTI	NeuroImaging Tools & Resources Collaboratory	Version 1.0 (4/4/2018 release)	Standalone program for converting DICOM imaging files to NifTI format
Sublime Text Editor	Sublime HQ Pty Ltd	Version 3 (Build 3143)	Text-editor for writing Python code
Required Python Libraries	N/A	Version 3.2.25 (nltk) Version 0.19.1 (scikit-learn)	Natural Language Toolkit (nltk) Scikit-learn
ITK-SNAP	N/A	Version 3.6.0	Optional toolkit for performing segmentation of organ systems in medical images.