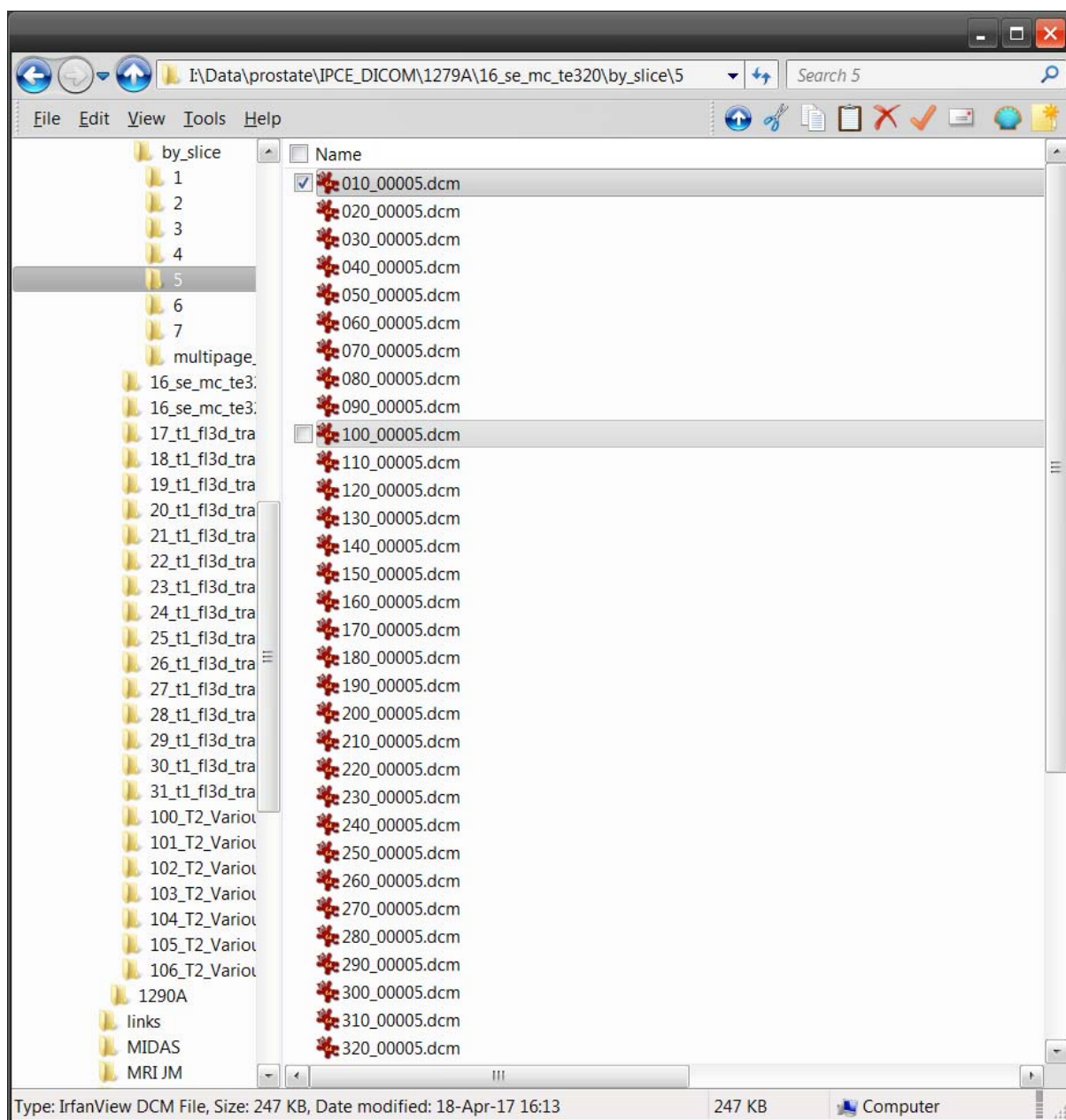


User guide for the MATLAB script T2_WLS_GOLDEN_SECTION_slim.m

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- the script is currently tested only for CPMG echoes with TE=10ms, since we do not have any other data.
- the script is currently tested only for CPMG echoes with the last echo time of 320ms, since we do not have any other data.
- the script will first ask you to enter the name of the directory where your DICOM slice data is stored (I:\Data\prostate\IPCE_DICOM\1279A\16_se_mc_te320\by_slice\5 in the example below)
- next, the script will request the name of the first echo's DICOM file (010_00005.dcm in the example below)
- the syntax of the DICOM names is mandatory: XXX_000YY.dcm, where XXX is echo time in milliseconds and YY is the slice name
- upon completion, the script will produce MATLAB figures in which T2_GS denotes T2 maps generated by the novel golden-section based algorithm, and T2_LL the map calculated by the commonplace log-linear fit
- if you encounter difficulties running the script, please consider sharing your CPMG data with us



Example of the directory with the CPMG data.