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# Volume Function

```
clear
clc

folder = 'NRRD_Files';

volume = VolumeFunction(folder);

disp(volume)

% I can pretty easily make summary data (averages, max , etc)

% It may be easier for yall to convert your data with Seg3D or else we use
% two functions (I can troubleshoot with exist function if needed)

% I should be able to continue using this function for different values
% pretty easily

Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpb2924231_f649_462a_8393_cbe05d6473c9.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpb2924231_f649_462a_8393_cbe05d6473c9'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp62b48007_afa7_434c_849a_610fb448dbc7.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp62b48007_afa7_434c_849a_610fb448dbc7'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp2168758e_b32d_4ef0_a9c4_9bb7bd7a8598.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp2168758e_b32d_4ef0_a9c4_9bb7bd7a8598'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp81e29c88_deb4_49e4_949c_4355121120f9.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp81e29c88_deb4_49e4_949c_4355121120f9'
not found.
Warning: File 'del
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/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpc2eb2ea2_f77d_44a8_b164_66bc6fc6b9e0.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpc2eb2ea2_f77d_44a8_b164_66bc6fc6b9e0'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpdc99cf40_f6e9_42a2_908d_39b002df0e88.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpdc99cf40_f6e9_42a2_908d_39b002df0e88'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpf30b549d_2480_4ea4_a237_d042fc89913b.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpf30b549d_2480_4ea4_a237_d042fc89913b'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpe277db8c_1121_4d6b_bbe7_518d919aa8f2.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpe277db8c_1121_4d6b_bbe7_518d919aa8f2'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpf4e2186d_96ff_4cc8_80d3_90cf9e0d86ec.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpf4e2186d_96ff_4cc8_80d3_90cf9e0d86ec'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpd175b941_0397_4c63_bbc6_fc88b74f667e.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpd175b941_0397_4c63_bbc6_fc88b74f667e'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp74fb0046_85db_49eb_9e9f_e21e574ae91a.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp74fb0046_85db_49eb_9e9f_e21e574ae91a'
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not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tpd9c5c60f\_701b\_4636\_a8c1\_8b6639d2f335.gz'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tpd9c5c60f\_701b\_4636\_a8c1\_8b6639d2f335'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp31f50be0\_452e\_494b\_829e\_c48fbbc370a5.gz'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp31f50be0\_452e\_494b\_829e\_c48fbbc370a5'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp4ca83921\_f34d\_42ff\_93ca\_628fed03ffae.gz'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp4ca83921\_f34d\_42ff\_93ca\_628fed03ffae'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp22c7a4ad\_7b4a\_4346\_96f1\_3c55768c994b.gz'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp22c7a4ad\_7b4a\_4346\_96f1\_3c55768c994b'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp8ebc9052\_44f5\_42b7\_80a2\_3bf11ffda589.gz'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp8ebc9052\_44f5\_42b7\_80a2\_3bf11ffda589'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp5c57c9bd\_e3f9\_4995\_a634\_674fcd5cb71b.gz'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp5c57c9bd\_e3f9\_4995\_a634\_674fcd5cb71b'  
not found.  
Warning: File 'del  
/private/var/folders/kj/qkc\_fs3j2rx6nfm3mpsqudf940000gn/T/  
tp81fab07f\_2e3e\_466d\_bc47\_8af8479211ce.gz'  
not found.  
Warning: File 'del

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/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp81fab07f_2e3e_466d_bc47_8af8479211ce'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpce3f2686_4130_4dd5_a335_e0c2e35fbfa6.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpce3f2686_4130_4dd5_a335_e0c2e35fbfa6'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp0fd551a0_e063_46ab_be18_8a8baf854f5d.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp0fd551a0_e063_46ab_be18_8a8baf854f5d'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp48b53b46_aa9e_42ae_8b95_531298ebd0b1.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp48b53b46_aa9e_42ae_8b95_531298ebd0b1'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp6b29c968_a439_4568_8d5b_312b1116b099.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp6b29c968_a439_4568_8d5b_312b1116b099'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpca486bd8_c6d8_4bd5_950e_fbc64c63c312.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tpca486bd8_c6d8_4bd5_950e_fbc64c63c312'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp8b7a7904_9302_4fa9_8420_91d4c48c3647.gz'
not found.
Warning: File 'del
/private/var/folders/kj/qkc_fs3j2rx6nfm3mpsqudf940000gn/T/
tp8b7a7904_9302_4fa9_8420_91d4c48c3647'
not found.
1.0e+05 *

0.9931
```

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1.8761  
1.2127  
1.2272  
1.9228  
1.2755  
2.0943  
1.7515  
1.5266  
1.7340  
1.2216  
1.6980  
1.4165  
1.5367  
1.3878  
1.9793  
0.7133  
1.6888  
1.2586  
1.7192  
1.6229  
2.5634  
1.2600  
1.6897

*Published with MATLAB® R2022a*