

# smt package

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```
## load the library
library(smt)

## specify folder location

# example file with the package
SWR1=system.file("extdata", "SWR1", package="smt")
HTZ1=system.file("extdata", "HTZ1", package="smt")

# local files
SWR1="/Volumes/wulab/Users/ranjana/Data/2015-11-09/SWR1_Halo"

# files on remote dm11 server shared folder
SWR1="/groups/wu/wulab/Users/ranjana/Data/2015-11-09/SWR1_Halo"

## create master tracklist
comp=compareFolder(SWR1,HTZ1)

## compute MSD, Dinst, CDF, dwellTime
msd(comp,dt=6,summarize=T,filter=T,plot=T,output=T)

Dinst(comp,dt=6,filter=T,plot=T,output=T)

CDF(comp,dt=6)

dwellTime(comp,plot=T,output=T)

## use ?function for help
?msd
```