

Using Treelizer

running locally:

in test directory, example:

```
cmsRun runDiMuDiTau_cfg.py isMC=1 tauCluster=8 inputFiles=file:/eos/uscms/store/user/zfwd666/SUSY
```

modify config file to change output root file name

running on condor:

set up environment, cmsenv

```
cd /uscms/home/ghaza/nobackup/TreelizerDeepDiTau/TreelizerDeepDiTau/CMSSW_10_6_10/src/MuMuTauTauT
```

list.txt has relevant .sh files listed

currently 09 Sept 2020: am10 am12 am15hm750 am20 am20hm1000 am50hm1000 am5hm500 am7 am5

^ these are the names of the subfolders you must create for the output. You also can check in dispatcher files the names of the folders

modify prepareDispatcher.py -> output directory AND 2017 vs 2018 (4 places, lines 11,17,39,45)

the output directory must be already created (for each mass point/label) in /eos/uscms/store/user/ghaza/DeepDiTauTreelization

```
bash prepareDispatcher.py
```

```
cd
```

```
rm /eos/uscms/store/user/ghaza/MuMuTauTau2018Analysis.tgz
```

```
tar -zvcf MuMuTauTau2018Analysis.tgz nobackup/TreelizerDeepDiTau/TreelizerDeepDiTau --exclude="*.
```

```
xrdcp MuMuTauTau2018Analysis.tgz root://cmseos.fnal.gov//store/user/ghaza/
```

```
cd nobackup/TreelizerDeepDiTau/TreelizerDeepDiTau/CMSSW_10_6_10/src/MuMuTauTauTreeMaker/MuTauTree
```

make sure config file has right file name at line 226

```
bash prepareSubmitter.py
```

rm * .err files of mass points that you are about to run over if they exist already

```
voms-proxy-init -voms cms
```

```
ls submit*.jdl > joblist.txt
```

```
while read f; do condor_submit $f; done < joblist.txt
```

condor stuff:

check progress

condor_q

old

```
cd /uscms/home/ghaza/TreelizerDeepDiTau/CMSSW_10_6_10/src/MuMuTauTauTreeMaker/MuTauTreelizer/test
```

```
dasgoclient -query="file dataset=//TTJets_TuneCP5_13TeV-madgraphMLM-pythia8/RunIIAutumn18MiniAOD-
```

prepare .sh files (big pain, theoretically prepareSegment.sh should fix this) (some already made in /previousjobs)

make list.txt the prefix of .sh files

modify prepareDispatcher.py -> output directory AND 2017 vs 2018 (4 places, lines 11,17,39,45)

make the output directories in /eos/uscms/store/user/ghaza/DeepDiTau2020june/signal

```
bash prepareDispatcher.py
```

```
cd
```

```
rm /eos/uscms/store/user/ghaza/MuMuTauTau2018Analysis.tgz
```

```
tar -zvcf MuMuTauTau2018Analysis.tgz TreelizerDeepDiTau --exclude="*.root" --exclude="*.log" --ex
```

```
xrdcp MuMuTauTau2018Analysis.tgz root://cmseos.fnal.gov//store/user/ghaza/
```

back into submission directory copy prepareSubmitter.py bash prepareSubmitter.py

voms

```
ls submit*.jdl > joblist.txt
```

```
while read f; do condor_submit $f; done < joblist.txt
```

-- GraceMarieHaza - 2020-09-09

This topic: [Sandbox > TreelizerAnalyzerNotes](#)

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