



# Update on Delphes

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# Variable list

delphes\_dhiggs.root

- ProcessID0;1
  - Delphes;1
    - Event
      - Event\_size
      - Weight
      - Weight\_size
    - Particle
      - Particle\_size
      - GenJet
        - GenJet\_size
      - KTjet
        - KTjet\_size
    - VLCjetR05N2
      - VLCjetR05N2\_size
    - VLCjetR05N3
      - VLCjetR05N3\_size
    - VLCjetR05N4
      - VLCjetR05N4\_size
    - VLCjetR05N5
      - VLCjetR05N5\_size
    - VLCjetR05N6
      - VLCjetR05N6\_size
    - VLCjetR07N2
      - VLCjetR07N2\_size
    - VLCjetR07N3
      - VLCjetR07N3\_size
    - VLCjetR07N4
      - VLCjetR07N4\_size
    - VLCjetR07N5
      - VLCjetR07N5\_size
    - VLCjetR07N6
      - VLCjetR07N6\_size
    - VLCjetR10N2
      - VLCjetR10N2\_size
    - VLCjetR10N3

- VLCjetR02\_inclusive
- VLCjetR02\_inclusive\_size
- VLCjetR05\_inclusive
- VLCjetR05\_inclusive\_size
- VLCjetR07\_inclusive
- VLCjetR07\_inclusive\_size
- VLCjetR10\_inclusive
- VLCjetR10\_inclusive\_size
- VLCjetR12\_inclusive
- VLCjetR12\_inclusive\_size
- VLCjetR15\_inclusive
- VLCjetR15\_inclusive\_size
- GenMissingET
- GenMissingET\_size
- Track
- Track\_size
- Tower
- Tower\_size
- EFlowTrack
- EFlowTrack\_size
- EFlowPhoton
- EFlowPhoton\_size
- EFlowNeutralHadron
- EFlowNeutralHadron\_size
- Photon
- Photon\_size
- Electron
- Electron\_size
- Muon**
- Muon\_size
- ForwardMuon
- ForwardMuon\_size
- MissingET
- MissingET\_size
- ScalarHT
- ScalarHT\_size



- Original plots of different variables are on github
- For further step, what kind of cut should be applied?
- There seems to be different kinds of jet from different jet algorithm: KTjet, VLCjet(?), GenJet
- Meet with Philip yesterday, help him on different kinds of set up stuff. He needs permission for UW machine. Will meet again sometime next week.