On-line (pre-)selection Requisites for:

- Jets: number > 5
- Muons plus Electrons: number > 0

Event Limit: None (see last page)

Off-line (post-)selection Requisites for:

- **Jets:** jetId > 2 , $p_{_{\rm T}}$ > 30 and $|\eta|$ < 2.4 (for at least 6 jets)
 - btagDeepFlavB > 0.7489 (for at least one jet)
 - Muons: has tightld, |n|<2.4 and miniPFRellso_all<0.15 (for at least 1)

On-line (pre-)selection Requisites for:

• **Jets**: number > 5

• Muons plus Electrons: number > 0

Event Limit: None (see last page)

Off-line (post-)selection Requisites for:

• **Jets:** jetId > 2 , $p_{_{\rm T}}$ > 30 and $|\eta|$ < 2.4 (for at least 6 jets)

btagDeepFlavB > 0.7489 (for at least one jet)
On-line (pre-)selection Requisites for:

• Muons: has tightld, |η|<2.4

Jets: number > 5 • Muons plus Electrons: number > 0 Event Limit: None (see last page) Off-line (post-)selection Requisites for: • Jets: jetId > 2 , p_- > 30 and $|\eta|$ <2.4 (for at least 6 jets)

btagDeepFlavB > 0.7489 (for at least one jet)

• Muons: has tightld, |n|<2.4 and miniPFRellso all<0.15 (for at least 1)

































































