

Physics objects

Jets
 $p_T > 25 \text{ GeV}$
 $|n| < 2.5$

b-tag

Leptons
 $p_T > 30 \text{ GeV}$
 $|n| < 2.1$

isolation
or identification

light jets

b-jets

failing leptons

passing leptons

Physics object categories

QCD
control
region

W control
region

Signal
region

Signal
region

Analysis boxes

1f4job

1l4job

1l4j1b

1l4j2b