

$$\text{EW } qqH = \text{VBF} + V(\rightarrow qq)H$$

= 0-jet

= 1-jet

≥ 2 -jet

$m_{jj} [0, 350]$

$m_{jj} [350, \infty]$

m_{jj}

0

60

120

350

0

25

∞

p_T^{Hjj}

qqH-rest

qqH-2j/mJJ[60-120]

qqH-2j/mJJ[350-700]

qqH-2j/mJJ > 350

qqH-2j/mJJ > 700

qqH-3j/mJJ > 350

$p_T^H [200, \infty]$

m_{jj}

350

700

1000

1500

∞

qqH-2j/pT > 200

p_T^{Hjj}

0

≈ 2 -jet

25

≈ 3 -jet

∞

0

25

∞