

Frequency

ATLAS Internal

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

Gluon BDT score Scale Factor

50% Quark Efficiency

$p_T: 1200\text{-}1500\text{GeV}$

300

250

200

150

100

50

0

0.9

0.91

0.92

0.93

0.94

0.95

0.96

0.97

Scale Factor

