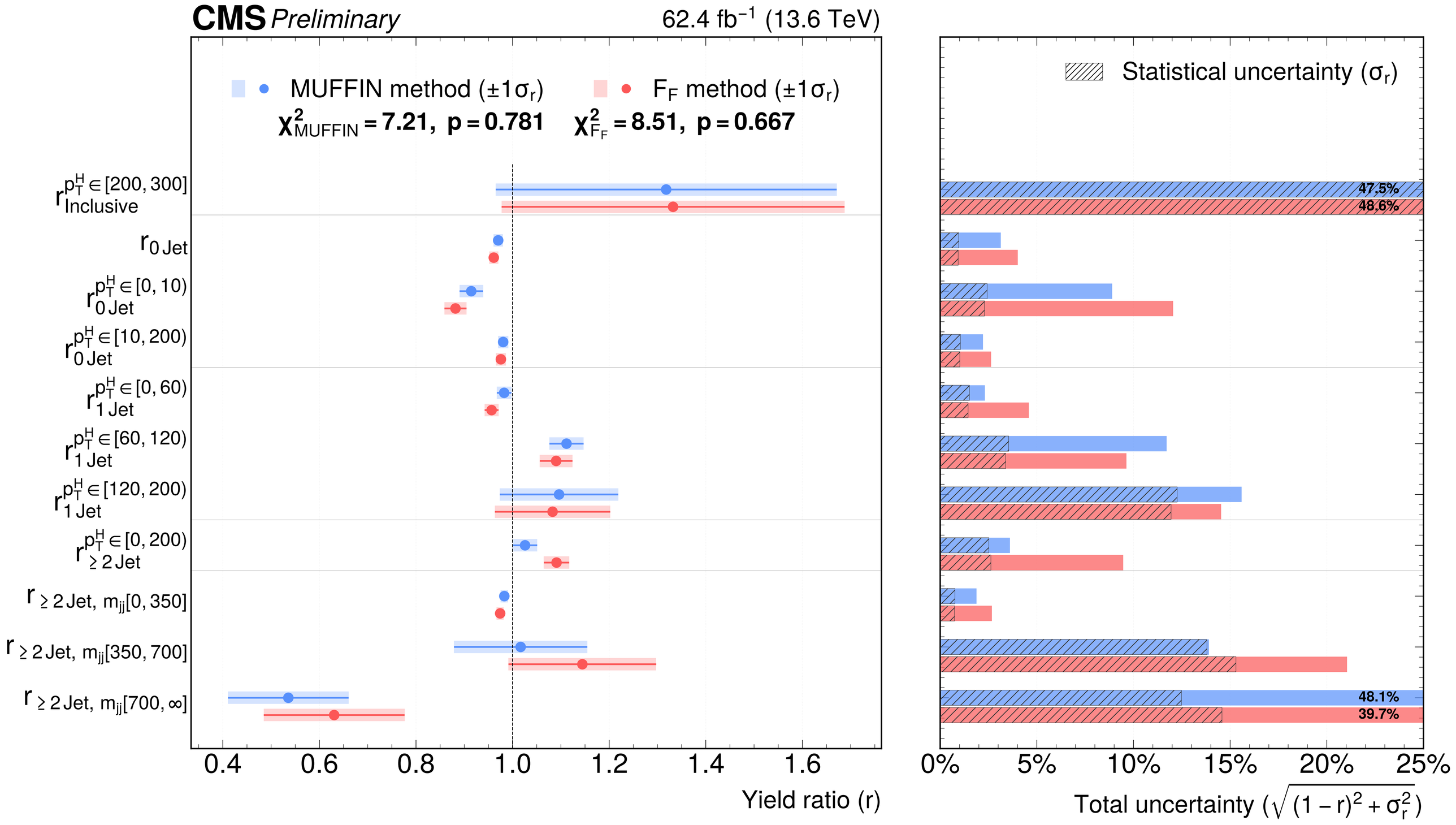
CMS Preliminary
62.4 fb^{-1} (13.6 TeV)
MUFFIN method ($\pm 1\sigma_r$)
F_F method ($\pm 1\sigma_r$)
$\chi^2_{MUFFIN} = 7.21$, $p = 0.781$
$\chi^2_{F_F} = 8.51$, $p = 0.667$
Statistical uncertainty (σ_r)
$r^{p_T^H \in [200,300]}_{\text{Inclusive}}$
$r_{0\,\text{Jet}}$
$r^{p_T^H \in [0,10)}_{0\,\text{Jet}}$
$r^{p_T^H \in [10,200)}_{0\,\text{Jet}}$
$r^{p_T^H \in [0,60)}_{1\,\text{Jet}}$
$r^{p_T^H \in [60,120)}_{1\,\text{Jet}}$
$r^{p_T^H \in [120,200)}_{1\,\text{Jet}}$
$r^{p_T^H \in [0,200)}_{\geq 2\,\text{Jet}}$
$r_{\geq 2\,\text{Jet},\, m_{jj}[0,350]}$
$r_{\geq 2\,\text{Jet},\, m_{jj}[350,700]}$
$r_{\geq 2\,\text{Jet},\, m_{jj}[700,\infty]}$
47.5%
48.6%
48.1%
39.7%
0.4
0.6
0.8
1.0
1.2
1.4
1.6
Yield ratio (r)
0%
5%
10%
15%
20%
25%
Total uncertainty ($\sqrt{(1-r)^2 + \sigma_r^2}$)