

Boson # Jets	\sqrt{s} (TeV)	Heavy flavour tagging	Theory calculation	Other results
W+1c [178]	7	D meson	MCFM	$R_{W+\bar{c}/W-c}, p_T(\mu)$
W+1c [268]	8	$\mu, \text{SSV}, \text{IVF}$	MCFM	$R_{W+\bar{c}/W-c}, p_T(\mu), \eta(\ell), s \text{ PDF}$
W+1c [269]	13	D meson	MCFM	$R_{W+\bar{c}/W-c}, \eta(\mu), s \text{ PDF}$
W+1c [270]	13	SV tag: SSV IVF	NNLO	$R_{W+\bar{c}/W-c}, p_T(\mu), \eta(\mu)$
W+2b [271]	7	CSV	MCFM	
W+2b [272]	8	CSV	MCFM	
Z+1c [265]	8	$\mu+\text{SV}: \text{SSV IVF}, \text{D}$	MCFM	$R_{Wc/Zb}, p_T(Z), p_T(c)$
Z+1c [273]	13	DEEPCSV+ m_{SV}	MG5_aMC	$p_T(Z), p_T(c)$
Z+1,2b [274]	7	SSV	MCFM	$R_{Zb/Zq}$
Z+1,2b [275]	8	CSV	MG5_aMC	$R_{Z\geq 2b/Z\geq 1b}, m_{bb}, 20 \text{ dist.}$
Z+1,2b [276]	13	DEEPCSV	MG5_aMC	$R_{Z\geq 2b/Z\geq 1b}, m_{bb}, 15 \text{ dist.}$