

Diboson State	$N_{\text{jets}}$	$\sqrt{s}$ (TeV)	Generator	Partons total	Partons NLO	PS	ME-PS scheme
$W\gamma$ [311]	2	13	MG5_aMC (NLO)	2	1	Py8	FxFx
$Z\gamma$ [312]	2	13	MG5_aMC (NLO)	2	1	Py8	FxFx
$W^+W^-$ [289]	0–2	13	(POWHEG (NLO) + MCFM (LO)) * $K_{\text{NNLO}}$ [314]	1	0	Py8	—
$WZ$ [281]	0–2	8	(MADGRAPH 5 (LO) + MCFM (LO)) * $K_{\text{NLO}}$ MCFM	0	—	Py6	—
$ZZ$ [313]	0–3	8	(MG5_aMC (NLO)+ MCFM (LO)) * $K_{\text{NLO}}$ MCFM	2	1	Py8	CKKW
$ZZ$ [315]	0–3	8	nNNLO + MCFM (NLO)	2	1	MiNNLO <sub>PS</sub>	—