| | POWHEG+PYTHIA | | With MC theoretical uncertainties | |
	χ^2/ndf	p-value	χ^2/ndf	p-value
N_{jets}	2 / 5	0.84	1.8 / 5	0.88
H_{T}	28 / 12	<0.01	4.9 / 12	0.96
S_{T}	22 / 12	0.04	4.2 / 12	0.98
$p_{\mathrm{T}}^{\mathrm{miss}}$	11 / 5	0.06	2.9 / 5	0.72
$p_{\mathrm{T}}^{\mathrm{W}}$	16 / 6	0.01	2.5 / 6	0.87
p_{T}^{ℓ}	25 / 16	0.08	14 / 16	0.60
$|\eta^{\ell}|$	19 / 7	<0.01	15 / 7	0.03

| | POWHEG+HERWIG++ | | MG5_aMC@NLO-NLO+PYTHIA | | MG5_aMC@NLO-LO+PYTHIA | |
	χ^2/ndf	p-value	χ^2/ndf	p-value	χ^2/ndf	p-value
N_{jets}	39 / 5	<0.01	9.6 / 5	0.09	81 / 5	<0.01
H_{T}	23 / 12	0.03	12 / 12	0.49	160 / 12	<0.01
S_{T}	21 / 12	0.04	11 / 12	0.56	110 / 12	<0.01
$p_{\mathrm{T}}^{\mathrm{miss}}$	1.3 / 5	0.93	6 / 5	0.31	23 / 5	<0.01
$p_{\mathrm{T}}^{\mathrm{W}}$	0.83 / 6	0.99	9 / 6	0.18	30 / 6	<0.01
p_{T}^{ℓ}	11 / 16	0.82	16 / 16	0.43	37 / 16	<0.01
$|\eta^{\ell}|$	19 / 7	<0.01	24 / 7	<0.01	30 / 7	<0.01