	POWHEG+PYTHIA		POWHEG+HERWIG++		MG5_aMC@NLO+PYTHIA[FxFx]	
	χ^2/dof	p-value	χ^2/dof	p-value	χ^2/dof	p-value
$p_{\mathrm{T}}^{\mathrm{t}}$	52/6	$<10^{-3}$	3/6	0.830	17/6	0.008
$p_{\mathrm{T}}^{\bar{\mathrm{t}}}$	44/6	$<10^{-3}$	3/6	0.786	16/6	0.012
$p_{\mathrm{T}}^{\mathrm{t}}$ (leading)	50/6	$<10^{-3}$	3/6	0.756	21/6	0.002
$p_{\mathrm{T}}^{\mathrm{t}}$ (trailing)	39/6	$<10^{-3}$	5/6	0.576	11/6	0.099
$p_{\mathrm{T}}^{\mathrm{t}}$ ($\mathrm{t\bar{t}}$ RF)	38/6	$<10^{-3}$	4/6	0.710	12/6	0.053
y_{t}	6/10	0.785	8/10	0.627	6/10	0.795
$y_{\bar{\mathrm{t}}}$	3/10	0.989	3/10	0.981	3/10	0.983
y_{t} (leading)	3/8	0.927	4/8	0.894	4/8	0.840
y_{t} (trailing)	3/8	0.939	4/8	0.850	2/8	0.973
$p_{\mathrm{T}}^{\mathrm{t\bar{t}}}$	34/6	$<10^{-3}$	29/6	$<10^{-3}$	17/6	0.011
$y_{\mathrm{t\bar{t}}}$	3/10	0.968	6/10	0.776	5/10	0.858
$m_{\mathrm{t\bar{t}}}$	12/7	0.095	11/7	0.135	5/7	0.676
$\Delta\lvert y\rvert(\mathrm{t},\bar{\mathrm{t}})$	1/8	0.994	6/8	0.595	3/8	0.907
$\Delta\phi(\mathrm{t},\bar{\mathrm{t}})$	0/4	0.975	0/4	0.982	2/4	0.823
p_{T}^{ℓ}	36/5	$<10^{-3}$	3/5	0.771	11/5	0.059
$p_{\mathrm{T}}^{\bar{\ell}}$	35/5	$<10^{-3}$	1/5	0.951	9/5	0.095
p_{T}^{ℓ} (leading)	41/5	$<10^{-3}$	3/5	0.731	12/5	0.039
p_{T}^{ℓ} (trailing)	33/5	$<10^{-3}$	5/5	0.404	6/5	0.318
η_{ℓ}	18/16	0.339	20/16	0.207	20/16	0.234
$\eta_{\bar{\ell}}$	29/16	0.024	28/16	0.033	33/16	0.007
η_{ℓ} (leading)	11/16	0.781	12/16	0.766	17/16	0.388
η_{ℓ} (trailing)	21/16	0.194	29/16	0.025	24/16	0.092
$p_{\mathrm{T}}^{\ell\bar{\ell}}$	14/7	0.053	11/7	0.120	6/7	0.524
$m_{\ell\bar{\ell}}$	37/8	$<10^{-3}$	3/8	0.948	4/8	0.810
$\Delta\phi(\ell,\bar{\ell})$	27/10	0.003	13/10	0.235	10/10	0.478
$\Delta\eta(\ell,\bar{\ell})$	6/10	0.848	4/10	0.930	6/10	0.842
N_{jets}	14/6	0.035	37/6	$<10^{-3}$	18/6	0.006
$p_{\mathrm{T}}^{\mathrm{b}}$ (leading)	35/5	$<10^{-3}$	10/5	0.085	17/5	0.004
$p_{\mathrm{T}}^{\mathrm{b}}$ (trailing)	27/5	$<10^{-3}$	10/5	0.063	11/5	0.050
η_{b} (leading)	10/8	0.251	11/8	0.188	8/8	0.452
η_{b} (trailing)	11/8	0.204	12/8	0.151	8/8	0.456
$p_{\mathrm{T}}^{\mathrm{b\bar{b}}}$	12/5	0.030	9/5	0.096	7/5	0.232
$m_{\mathrm{b\bar{b}}}$	3/4	0.584	16/4	0.003	1/4	0.897