

Variable	NN-SM	NN- c_{tZ} -tZq	NN- c_{tZ} -ttZ	NN- c_{tW} -tZq	NN- c_{tW} -ttZ	NN- $c_{\varphi Q}^3$ -tZq	NN- $c_{\varphi Q}^3$ -ttZ	NN-5D-tZq	NN-5D-ttZ
p_T^Z	—	✓	✓	✓	✓	✓	✓	✓	✓
$\eta(Z)$	✓	✓	✓	—	—	✓	—	—	✓
$\Delta\phi(\ell_1^Z, \ell_2^Z)$	✓	✓	✓	✓	✓	✓	✓	✓	✓
$p_T(\mathbf{t})$	✓	✓	✓	—	✓	✓	—	✓	✓
$\eta(\mathbf{t})$	—	✓	✓	✓	✓	✓	—	—	✓
$m(\mathbf{t}, Z)$	—	—	—	—	—	—	—	—	—
$ \eta(j') $	✓	—	—	—	—	—	—	✓	—
$p_T(j')$	✓	✓	—	✓	—	—	—	—	—
$\Delta R(b, \ell_t)$	—	✓	—	✓	—	—	—	—	—
$\Delta R(j', \ell_t)$	✓	—	—	—	—	—	—	—	—
$\Delta R(\mathbf{t}, Z)$	—	✓	✓	✓	—	✓	—	—	✓
$\Delta\eta(Z, j')$	—	✓	—	—	—	—	—	✓	—
ΔR between \mathbf{t} and the closest lepton	—	✓	—	✓	—	—	—	—	—
ΔR between j' and the closest lepton	—	—	—	—	—	—	—	✓	—
$m_{3\ell}$	✓	—	—	—	✓	—	✓	—	✓
m_T^W	✓	✓	✓	—	—	—	—	—	✓
p_T^{miss}	✓	—	—	—	—	—	—	—	—
Lepton asymmetry	✓	—	—	✓	✓	—	—	✓	—
$\cos\theta_Z^*$	—	—	✓	—	—	✓	—	—	✓
Max. p_T among jet pairs	—	—	—	—	—	—	✓	—	✓
Max. DEEPJET discriminant	✓	—	—	—	—	—	—	—	—
b jet multiplicity	✓	—	—	—	—	—	—	—	—
Three-momenta of the three leading leptons	✓	—	—	—	—	—	—	—	—
Three-momenta of the three leading jets	✓	—	—	—	—	—	—	—	—
DEEPJET discriminants of the three leading jets	✓	—	—	—	—	—	—	—	—
Number of variables	33	11	8	8	6	7	4	7	10