source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
JESSinglePionHCAL	+0.5	−0.4	−1.2	−1.0	+0.3	+0.2	−0.1	+0.7	−0.3	+0.4	−0.2	−0.9	−0.3	−0.3	+0.5	+0.1
	+0.5	+0.4	−1.0	+0.2	0.0	+0.1	−0.7	−0.4	−0.1	+0.1	−0.5	−0.6	+0.6	−0.4	+0.7	+0.5
JESTimePtEta	+0.2	+0.4	−0.1	−0.4	+0.2	+0.4	−0.8	−0.4	−0.5	+0.2	−0.2	−0.7	+0.1	−0.3	+0.2	+0.5
	−0.1	−0.1	−0.6	−0.2	+0.4	+0.6	−0.5	−0.7	−0.3	−0.1	−0.9	+0.8	0.0	+0.2	+0.9	+0.2
$\vec{p}_{\mathrm{T}}^{\,\mathrm{miss}}$	+6.5	−7.8	−3.1	−0.8	+5.2	−4.8	−1.4	−0.2	+6.7	−7.2	−1.9	−0.5	+7.5	−9.9	+0.2	−0.6
	−4.0	+5.6	+1.0	+0.4	−3.6	+4.2	+0.3	+0.1	−5.0	+5.7	−0.4	−0.3	−4.8	+6.7	−0.2	+0.5
lepton ID/ISO	−0.2	−0.3	−0.1	0.0	+0.2	+0.3	+0.1	0.0	−0.1	0.0	0.0	0.0	−0.1	−0.1	−0.1	−0.2
	+0.1	+0.4	0.0	0.0	−0.2	−0.2	−0.2	0.0	+0.1	+0.1	0.0	+0.1	0.0	+0.3	0.0	+0.2
pileup	+1.7	−2.0	−1.1	−0.1	+1.6	−1.4	−1.1	−0.1	+2.0	−1.9	−0.8	0.0	+2.1	−2.2	−0.3	−0.5
	−1.9	+2.1	+1.0	+0.2	−1.7	+1.5	+1.0	+0.2	−2.1	+2.0	+0.7	0.0	−2.1	+2.2	+0.3	+0.6
trigger	0.0	0.0	0.0	+0.1	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	−0.1	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
trigger (η)	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	−0.1	0.0	−0.1	−0.1	0.0	+0.1	0.0	0.0
	−0.1	0.0	−0.1	−0.1	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	+0.1	−0.1	0.0	−0.1	0.0
non-$\mathrm{t\bar{t}}$ background	−1.3	−2.1	−1.0	+0.3	+0.4	0.0	+0.4	+0.1	+0.5	+0.2	+0.7	+0.5	+0.8	+0.9	+1.3	+0.9
	+0.9	+2.4	+0.7	−0.3	−0.4	+0.3	−0.5	0.0	−0.6	0.0	−0.8	−0.4	−0.9	−0.6	−1.4	−0.8
b-tagging	−0.2	−0.2	+0.2	−0.2	0.0	0.0	+0.2	+0.1	0.0	−0.1	+0.1	+0.1	+0.1	0.0	+0.2	+0.2
	+0.1	+0.2	−0.3	+0.2	0.0	+0.1	−0.2	−0.1	0.0	+0.1	−0.1	−0.1	−0.1	0.0	−0.2	−0.1
b-tagging (light jets)	−0.1	−0.5	−0.7	+0.1	+0.2	+0.1	−0.2	−0.1	+0.2	+0.1	0.0	0.0	+0.2	+0.2	+0.1	0.0
	0.0	+0.6	+0.6	−0.1	−0.2	0.0	+0.2	+0.1	−0.3	−0.1	0.0	0.0	−0.2	−0.2	−0.1	0.0
luminosity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
branching ratio $\mathrm{t\bar{t}} \to \ell\ell$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PDF eigenvector 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PDF eigenvector 2	−0.1	−0.1	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.2	+0.2	+0.2	+0.1
	+0.1	0.0	0.0	−0.1	0.0	0.0	0.0	−0.1	+0.1	0.0	0.0	0.0	−0.1	−0.1	−0.1	−0.1
PDF eigenvector 3	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	0.0
PDF eigenvector 4	−0.1	0.0	−0.1	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	−0.1	0.0	+0.1	+0.2	+0.1	+0.1
	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	−0.1	−0.1	−0.1	−0.1
PDF eigenvector 5	0.0	0.0	−0.1	−0.1	0.0	0.0	−0.1	−0.2	+0.1	+0.1	+0.1	0.0	0.0	0.0	−0.1	−0.1
	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	+0.1	−0.1	−0.1	0.0	0.0	−0.1	0.0	0.0	0.0
PDF eigenvector 6	−0.1	0.0	−0.1	+0.1	0.0	+0.1	0.0	+0.1	−0.1	0.0	−0.1	0.0	+0.1	+0.1	+0.1	+0.1
	+0.1	+0.1	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	−0.1
PDF eigenvector 7	0.0	0.0	−0.1	−0.2	0.0	0.0	−0.1	−0.3	+0.1	+0.2	+0.1	−0.1	0.0	−0.1	−0.1	−0.2
	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	+0.2	−0.1	−0.1	−0.1	0.0	0.0	0.0	+0.1	+0.1
PDF eigenvector 8	−0.1	0.0	−0.1	0.0	0.0	+0.1	0.0	0.0	−0.1	0.0	−0.1	0.0	0.0	+0.1	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PDF eigenvector 9	+0.1	+0.1	+0.1	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	0.0
	−0.1	0.0	−0.1	0.0	0.0	+0.1	0.0	+0.1	0.0	0.0	−0.1	0.0	+0.1	0.0	0.0	0.0
PDF eigenvector 10	−0.1	0.0	0.0	+0.1	0.0	+0.1	0.0	+0.2	−0.1	−0.1	−0.1	0.0	0.0	+0.1	+0.1	+0.2
	0.0	0.0	−0.1	−0.1	0.0	0.0	−0.1	−0.2	+0.1	+0.1	+0.1	0.0	0.0	0.0	−0.1	−0.2
PDF eigenvector 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	−0.1	0.0	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.1
PDF eigenvector 12	0.0	0.0	−0.1	−0.1	0.0	0.0	0.0	−0.1	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	−0.1
	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1
PDF eigenvector 13	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	−0.1	0.0	0.0	0.0	−0.1	−0.1	−0.1	0.0
	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	+0.1	0.0
PDF eigenvector 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1