source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
JESSinglePionHCAL	−0.3	−1.3	+0.1	+1.4	+0.5	−0.1	+0.6	−0.1	−0.2	−0.3	+0.5	−1.1	−0.2	+0.2	−1.2	+0.8
	−0.4	−0.9	−0.5	+1.5	+0.3	−0.3	+0.1	+0.1	+0.1	−0.4	+0.3	−1.3	+0.1	+0.3	−0.3	+2.2
JESTimePtEta	+1.4	−1.0	−0.1	+1.4	−0.2	−0.6	+0.1	0.0	−0.1	−0.5	+0.7	−1.2	−0.2	+0.5	−0.8	+1.2
	−0.3	+0.2	+1.4	+0.3	−0.1	−0.5	+0.4	−0.2	+0.2	−0.9	0.0	−0.6	0.0	+0.5	+0.1	+1.0
$\vec{p}_T^{\,miss}$	+1.7	−0.3	−0.4	0.0	−0.3	+0.4	−0.1	0.0	−0.1	−0.3	−0.1	−0.2	+0.1	−0.1	−0.1	−0.4
	−1.0	0.0	0.0	+1.1	+0.1	−0.1	+0.4	0.0	−0.3	−0.4	−0.2	−0.3	0.0	+0.2	0.0	+0.5
lepton ID/ISO	−0.2	0.0	−0.3	−0.3	+0.1	+0.2	0.0	+0.4	−0.1	+0.1	0.0	−0.2	0.0	−0.1	−0.1	−0.5
	+0.2	0.0	+0.3	+0.2	−0.1	−0.2	−0.1	−0.4	+0.1	−0.1	0.0	+0.2	0.0	+0.1	+0.1	+0.5
pileup	+0.2	0.0	−0.3	−0.5	+0.1	+0.2	+0.1	−0.2	+0.1	+0.2	+0.1	0.0	+0.1	+0.1	−0.1	−0.1
	−0.1	−0.1	+0.2	+0.5	−0.1	−0.2	−0.1	+0.2	0.0	−0.2	−0.1	0.0	−0.1	−0.1	+0.1	+0.1
trigger	+0.1	+0.2	+0.1	−0.3	+0.2	+0.1	0.0	−0.1	+0.1	+0.1	−0.1	−0.2	+0.1	0.0	−0.1	−0.1
	−0.1	−0.1	+0.1	+0.4	−0.2	−0.3	−0.1	0.0	−0.1	0.0	+0.2	+0.2	−0.1	−0.1	+0.1	+0.2
trigger (η)	−0.3	−0.2	−0.1	+0.6	−0.2	−0.1	−0.2	+0.4	−0.2	−0.2	−0.2	+0.3	+0.1	−0.1	−0.2	+0.1
	+0.3	+0.2	+0.1	−0.6	+0.2	+0.1	+0.1	−0.4	+0.2	+0.2	+0.2	−0.3	−0.1	+0.1	+0.2	−0.1
non-$t\bar{t}$ background	−0.7	−0.1	−0.5	−3.1	+0.2	−0.2	0.0	−0.2	+0.5	+1.1	+1.2	+0.3	+1.1	+0.8	+1.3	+0.8
	+0.9	+0.4	+1.2	+3.1	−0.3	−0.4	−0.3	0.0	−0.5	−0.7	−0.7	−0.5	−1.0	−1.0	−1.2	−0.7
b-tagging	−0.1	−0.1	−0.2	−0.1	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	+0.1	+0.1	+0.1	+0.1
	+0.1	+0.1	+0.3	+0.2	0.0	−0.2	−0.1	−0.2	0.0	+0.1	+0.1	−0.1	0.0	−0.2	−0.1	−0.1
b-tagging (light jets)	−0.1	0.0	−0.2	−0.8	+0.1	+0.1	+0.1	−0.1	+0.2	+0.2	+0.2	+0.1	+0.2	+0.2	+0.2	+0.1
	+0.2	0.0	+0.2	+0.9	−0.1	−0.1	−0.1	+0.1	−0.2	−0.2	−0.2	−0.1	−0.2	−0.2	−0.2	−0.1
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 $t\bar{t} \to \ell\ell$	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	−0.1	0.0	0.0	0.0	0.0
PDF eigenvector 2	−0.1	−0.1	+0.1	+0.1	0.0	0.0	0.0	0.0	−0.1	0.0	+0.1	0.0	+0.1	0.0	−0.1	−0.3
	0.0	0.0	+0.1	0.0	−0.1	−0.1	0.0	+0.1	0.0	0.0	0.0	+0.1	−0.1	−0.1	−0.1	+0.1
PDF eigenvector 3	+0.1	+0.1	+0.1	0.0	+0.1	0.0	0.0	−0.2	+0.1	+0.1	0.0	−0.2	+0.1	0.0	+0.1	−0.1
	0.0	0.0	+0.1	0.0	0.0	−0.1	−0.1	0.0	0.0	0.0	+0.1	+0.1	0.0	−0.1	0.0	+0.2
PDF eigenvector 4	−0.1	−0.1	0.0	+0.1	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	+0.1	+0.1	0.0	0.0	−0.1
	+0.1	+0.1	+0.1	0.0	0.0	−0.1	−0.1	0.0	+0.1	+0.1	+0.1	−0.1	0.0	−0.1	0.0	0.0
PDF eigenvector 5	0.0	0.0	+0.1	+0.1	−0.1	−0.2	−0.1	+0.2	0.0	0.0	+0.1	+0.3	−0.2	−0.2	−0.1	+0.4
	+0.1	+0.1	0.0	−0.1	+0.1	+0.1	+0.1	−0.2	+0.1	+0.1	0.0	−0.5	+0.1	+0.1	+0.1	−0.3
PDF eigenvector 6	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	−0.1	+0.1	0.0	+0.1	+0.1
	+0.1	0.0	+0.1	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	−0.1	−0.1	0.0
PDF eigenvector 7	0.0	0.0	+0.1	+0.1	−0.2	−0.2	−0.1	+0.3	0.0	0.0	0.0	+0.5	−0.3	−0.3	−0.2	+0.5
	0.0	0.0	0.0	−0.1	+0.1	+0.1	+0.1	−0.2	0.0	0.0	0.0	−0.3	+0.2	+0.2	+0.2	−0.2
PDF eigenvector 8	−0.1	0.0	0.0	0.0	0.0	0.0	−0.1	+0.1	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	+0.2
	+0.1	0.0	+0.1	+0.1	0.0	−0.1	−0.1	−0.1	0.0	+0.1	+0.1	0.0	0.0	0.0	0.0	0.0
PDF eigenvector 9	+0.1	+0.1	+0.2	+0.1	0.0	−0.1	−0.1	−0.1	0.0	+0.1	+0.1	−0.1	0.0	−0.1	−0.1	−0.2
	0.0	0.0	0.0	−0.1	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	+0.3
PDF eigenvector 10	0.0	0.0	−0.1	0.0	+0.1	+0.1	+0.1	−0.2	0.0	0.0	0.0	−0.2	+0.1	+0.1	+0.1	−0.2
	0.0	0.0	+0.1	0.0	−0.1	−0.1	−0.1	+0.2	0.0	0.0	0.0	+0.2	−0.1	−0.2	−0.1	+0.2
PDF eigenvector 11	0.0	+0.1	+0.1	0.0	0.0	0.0	0.0	−0.1	0.0	+0.1	+0.1	−0.1	0.0	0.0	0.0	−0.1
	0.0	0.0	0.0	0.0	−0.1	−0.1	0.0	+0.1	0.0	0.0	0.0	+0.1	−0.1	−0.1	−0.1	+0.1
PDF eigenvector 12	0.0	0.0	0.0	0.0	−0.1	−0.1	0.0	+0.1	0.0	0.0	0.0	+0.1	−0.1	−0.1	−0.1	+0.1
	0.0	+0.1	+0.1	0.0	+0.1	0.0	0.0	−0.2	0.0	+0.1	+0.1	−0.1	+0.1	0.0	+0.1	−0.1
PDF eigenvector 13	0.0	0.0	−0.1	−0.1	0.0	+0.1	0.0	0.0	0.0	0.0	−0.1	−0.1	0.0	0.0	+0.1	+0.1
	0.0	0.0	+0.1	+0.1	0.0	−0.1	0.0	0.0	0.0	0.0	+0.1	+0.1	0.0	0.0	−0.1	−0.1
PDF eigenvector 14	0.0	0.0	+0.1	0.0	0.0	−0.1	−0.1	0.0	0.0	+0.1	+0.1	0.0	0.0	−0.1	0.0	+0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.1