source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
JESSinglePionHCAL	−0.3	−0.9	−0.6	−0.1	−0.4	+0.1	+0.2	−0.1	−0.3	−0.2	−0.6	+0.2	+0.2	−0.3	+0.1	+0.2	+0.6	+0.5	+0.5	+0.2	+0.2	+0.2	+0.2	0.0
	+0.3	−0.1	−0.5	+0.5	+0.2	+0.6	+0.5	+0.6	+0.5	+0.1	−0.1	−0.3	+0.3	+0.7	+0.2	−0.7	−0.6	−0.6	−0.6	−0.1	−0.3	−0.1	+0.1	−0.8
JESTimePtEta	−0.1	−0.1	−0.4	−0.1	−0.2	−0.1	+0.3	0.0	+0.3	−0.1	+0.1	0.0	0.0	−0.1	0.0	+0.3	+0.2	+0.1	−0.4	0.0	−0.3	0.0	−0.1	+0.3
	−0.2	+0.2	0.0	+0.1	0.0	+0.3	0.0	−0.1	+0.1	−0.2	+0.1	+0.4	+0.4	+0.1	+0.1	+0.2	0.0	−0.1	0.0	0.0	−0.1	+0.1	−0.1	−1.6
$\vec{p}_\mathrm{T}^{\,\mathrm{miss}}$	−2.4	−0.3	−1.1	−0.2	+0.3	+0.3	−0.3	−0.2	+0.1	+0.1	+0.6	+0.3	+1.2	+0.3	+0.2	+0.5	−0.4	0.0	+0.1	0.0	+0.3	+0.1	+0.2	−0.1
	−0.1	−0.2	+0.8	+0.4	−0.1	−0.3	+0.2	+0.8	−0.1	+0.1	−0.5	−0.6	−0.4	+0.5	−0.4	+0.8	−0.1	+0.1	0.0	−0.2	−0.2	−0.3	−0.2	+0.1
lepton ID/ISO	−0.3	0.0	−0.5	−0.3	+0.1	+0.2	+0.1	+0.6	−0.1	−0.1	−0.1	−0.7	0.0	+0.1	0.0	+0.1	+0.3	+0.4	+0.3	+0.6	−0.1	−0.1	−0.2	−0.7
	+0.3	0.0	+0.5	+0.3	−0.1	−0.2	−0.1	−0.6	+0.1	+0.1	+0.1	+0.7	0.0	−0.1	0.0	−0.1	−0.3	−0.4	−0.3	−0.6	+0.2	+0.1	+0.2	+0.7
pileup	+0.6	−0.4	−0.5	−0.5	0.0	+0.2	+0.4	+0.2	+0.3	+0.4	+0.2	+0.2	−0.4	+0.6	−0.1	−1.0	+0.4	−0.3	−0.5	0.0	0.0	−0.4	+0.1	−0.3
	−0.7	+0.3	+0.6	+0.5	0.0	−0.2	−0.4	−0.3	−0.3	−0.3	−0.2	−0.2	+0.4	−0.5	+0.2	+1.1	−0.5	+0.2	+0.4	0.0	0.0	+0.3	−0.1	+0.3
trigger	+0.1	+0.2	+0.1	−0.4	+0.2	+0.1	0.0	−0.1	+0.1	0.0	−0.1	−0.3	+0.1	+0.2	+0.2	−0.3	+0.2	+0.2	+0.1	−0.2	+0.1	0.0	−0.1	−0.2
	−0.1	−0.2	−0.1	+0.4	−0.2	−0.1	0.0	+0.1	−0.1	0.0	+0.1	+0.3	−0.1	−0.2	−0.2	+0.3	−0.2	−0.2	−0.1	+0.2	−0.1	0.0	+0.1	+0.2
trigger (η)	−0.3	−0.2	−0.3	+0.7	−0.3	−0.2	−0.2	+0.4	0.0	−0.1	−0.2	+0.3	−0.2	−0.1	−0.3	+0.8	−0.3	−0.2	−0.2	+0.5	0.0	−0.1	−0.3	+0.2
	+0.3	+0.2	+0.3	−0.7	+0.3	+0.2	+0.2	−0.4	0.0	+0.1	+0.2	−0.3	+0.2	+0.1	+0.3	−0.8	+0.3	+0.2	+0.2	−0.5	0.0	+0.1	+0.3	−0.2
non-t$\bar{\mathrm{t}}$ background	−1.0	−1.0	−2.0	−4.3	−0.3	−0.1	+0.3	−0.3	+0.5	+0.4	+0.5	−0.2	+1.6	+1.8	+1.7	−1.2	+0.4	+0.6	+0.5	+0.8	+1.0	+0.8	+0.8	−0.1
	+1.5	−0.1	+2.0	+4.1	+0.2	+0.6	+0.2	−0.2	−0.5	−0.1	−1.0	+0.7	−1.0	−1.2	−1.3	+1.1	−0.9	−0.8	−0.6	−0.5	−0.8	−0.7	−0.8	0.0
b-tagging	0.0	0.0	−0.1	−0.1	−0.1	−0.1	−0.1	0.0	−0.1	−0.1	−0.1	−0.1	−0.5	−0.5	−0.6	−0.2	+0.2	+0.2	+0.2	+0.2	+0.3	+0.2	+0.3	+0.3
	0.0	0.0	+0.1	+0.1	+0.1	+0.1	+0.1	0.0	+0.1	+0.1	+0.1	+0.1	+0.5	+0.5	+0.6	+0.2	−0.2	−0.2	−0.2	−0.2	−0.3	−0.2	−0.3	−0.3
b-tagging (light jets)	−0.3	−0.3	−0.6	−1.0	+0.1	+0.2	+0.4	+0.2	+0.2	+0.2	+0.2	+0.1	+0.5	+0.6	+0.3	−1.0	+0.1	+0.1	+0.2	+0.1	0.0	0.0	−0.1	−0.2
	+0.3	+0.3	+0.6	+1.0	−0.1	−0.2	−0.4	−0.2	−0.2	−0.2	−0.2	−0.1	−0.5	−0.5	−0.2	+1.0	−0.1	−0.1	−0.2	−0.1	0.0	0.0	+0.1	+0.2
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	0.0	0.0	0.0	0.0	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$\bar{\mathrm{t}} \to \ell\ell$	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	0.0	0.0	0.0	0.0	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	−0.1	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	−0.1	−0.1	0.0	0.0	+0.1
PDF eigenvector 2	0.0	−0.1	+0.1	+0.1	−0.3	−0.1	0.0	0.0	+0.2	+0.1	0.0	−0.1	+0.1	0.0	+0.1	+0.1	−0.4	−0.2	+0.1	0.0	+0.3	+0.1	0.0	−0.1
	0.0	0.0	0.0	0.0	+0.1	0.0	+0.1	+0.1	−0.1	−0.1	0.0	+0.1	−0.1	−0.1	0.0	0.0	+0.2	+0.1	+0.1	+0.1	−0.2	−0.1	−0.1	0.0
PDF eigenvector 3	+0.1	+0.1	0.0	−0.1	+0.1	0.0	−0.1	−0.2	0.0	0.0	+0.1	−0.2	+0.1	+0.1	+0.1	−0.1	+0.1	0.0	−0.1	−0.2	+0.1	+0.1	+0.1	+0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	+0.2	0.0	−0.1	0.0	0.0	0.0	0.0	+0.1	+0.1	0.0	0.0	−0.1	0.0
PDF eigenvector 4	0.0	0.0	0.0	+0.1	−0.2	−0.1	0.0	0.0	+0.1	+0.1	0.0	0.0	+0.1	0.0	0.0	0.0	+0.1	−0.3	−0.1	0.0	+0.1	+0.2	+0.1	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	0.0	+0.1	0.0	0.0	0.0	−0.1	−0.1	0.0	0.0
PDF eigenvector 5	−0.1	−0.3	−0.1	+0.1	+0.1	+0.1	+0.2	+0.2	−0.2	−0.1	−0.3	+0.5	−0.1	−0.2	−0.1	+0.1	+0.1	+0.1	+0.3	+0.4	−0.3	−0.2	−0.3	−0.1
	+0.1	+0.2	+0.1	−0.1	+0.1	+0.1	−0.1	−0.3	+0.1	+0.1	+0.1	−0.4	+0.1	+0.3	+0.1	−0.1	+0.1	0.0	−0.3	−0.5	+0.2	+0.2	+0.2	+0.1
PDF eigenvector 6	0.0	0.0	0.0	0.0	−0.1	0.0	−0.1	0.0	0.0	+0.1	+0.1	0.0	+0.1	+0.1	0.0	0.0	−0.2	−0.1	−0.1	0.0	+0.1	+0.1	+0.1	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	0.0	0.0	−0.1	0.0	0.0	+0.1	0.0	+0.1	0.0	−0.1	−0.1	0.0	0.0
PDF eigenvector 7	−0.2	−0.2	0.0	+0.1	+0.1	+0.1	+0.3	+0.5	−0.3	−0.3	−0.2	+0.5	−0.3	−0.4	−0.1	+0.2	+0.3	+0.3	+0.5	+0.5	−0.5	−0.4	−0.5	−0.2
	+0.1	+0.1	0.0	−0.1	0.0	0.0	−0.2	−0.3	+0.1	+0.2	+0.1	−0.3	+0.2	+0.3	+0.1	−0.1	−0.1	−0.1	−0.3	−0.3	+0.3	+0.2	+0.3	+0.1
PDF eigenvector 8	−0.1	0.0	−0.1	0.0	0.0	+0.1	0.0	+0.1	−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
	+0.1	0.0	+0.1	0.0	0.0	−0.1	0.0	−0.1	+0.1	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	0.0	−0.1	+0.1	0.0	0.0	0.0
PDF eigenvector 9	0.0	0.0	+0.1	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.2	+0.1	0.0	0.0	+0.1	0.0	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	0.0	0.0	0.0	0.0	0.0	+0.2	−0.1	0.0	0.0	−0.1	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	+0.1
PDF eigenvector 10	+0.1	+0.1	0.0	−0.1	−0.1	0.0	−0.1	−0.2	+0.1	+0.1	+0.1	−0.2	+0.2	+0.2	0.0	−0.1	−0.2	−0.1	−0.3	−0.3	+0.2	+0.2	+0.2	+0.1
	−0.1	−0.1	0.0	+0.1	+0.1	0.0	+0.1	+0.3	−0.1	−0.1	−0.1	+0.2	−0.2	−0.2	0.0	+0.1	+0.2	+0.1	+0.3	+0.3	−0.2	−0.2	−0.3	−0.1
PDF eigenvector 11	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	−0.1	−0.1	0.0	+0.1	+0.1	0.0
	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	+0.1	−0.1	−0.1	0.0	+0.2	−0.1	−0.1	0.0	0.0	+0.1	0.0	+0.1	+0.1	−0.1	−0.1	−0.1	0.0
PDF eigenvector 12	−0.1	−0.1	0.0	0.0	0.0	0.0	+0.1	+0.2	−0.1	−0.1	−0.1	+0.1	−0.1	−0.1	0.0	0.0	+0.1	+0.1	+0.1	+0.2	−0.1	−0.1	−0.1	0.0
	+0.1	+0.1	0.0	0.0	0.0	0.0	−0.1	−0.1	+0.1	+0.1	+0.1	−0.1	+0.1	+0.1	0.0	0.0	−0.1	−0.1	−0.1	−0.2	+0.1	+0.1	+0.1	0.0
PDF eigenvector 13	0.0	+0.1	0.0	−0.1	+0.1	+0.1	0.0	0.0	−0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	+0.2	+0.1	0.0	−0.1	−0.1	−0.1	0.0
	0.0	0.0	0.0	+0.1	−0.1	−0.1	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	−0.2	−0.1	0.0	+0.1	+0.1	0.0	0.0
PDF eigenvector 14	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	+0.1	+0.1	+0.1	+0.1	−0.1	−0.1	−0.1	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	+0.1	+0.1	0.0	0.0	−0.1	−0.1	−0.1	−0.1	+0.1	+0.1	+0.1	0.0