

source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
JESinglePionHCAL	0.0	-0.7	-0.1	+2.4	0.0	+0.2	-0.4	+0.5	+0.5	-0.6	0.0	-0.5	-0.8	-0.4	0.0	-0.1
	+0.2	-0.1	-0.5	+2.4	-0.2	-0.1	-0.7	+0.4	+0.3	-0.5	+0.1	-0.8	0.0	-0.3	+0.3	+0.3
JESTimePtEta	+1.4	-1.2	+0.7	+2.3	-0.5	-0.2	-0.5	+0.7	+0.8	-0.8	+0.4	-1.2	-0.4	-0.7	0.0	+0.4
	-0.5	-0.4	+0.2	+0.7	+0.6	-0.2	-0.1	+1.2	+0.2	-0.8	-0.1	-1.2	0.0	+0.3	0.0	+0.3
$\bar{p}_T^{\text{miss}}$	+0.7	-0.2	-0.5	-2.2	-0.1	+0.3	+0.5	+1.0	-0.2	-0.1	+0.2	-0.1	0.0	-0.2	-0.2	0.0
	-0.4	-1.0	-0.8	+3.4	+0.8	+0.1	+0.3	+0.1	-0.1	-1.0	-0.2	-0.8	-0.2	+0.2	+0.1	-0.1
lepton ID/ISO	-0.2	-0.6	-0.6	-0.2	+0.4	+0.4	+0.6	+0.5	-0.2	-0.3	-0.1	-0.4	-0.2	+0.1	-0.2	+0.1
	+0.2	0.0	+0.1	+0.4	-0.1	-0.2	-0.1	-0.2	0.0	0.0	+0.1	0.0	+0.3	+0.1	+0.1	0.0
pileup	+0.3	+0.1	0.0	-0.5	0.0	+0.2	-0.2	-0.4	0.0	+0.1	0.0	+0.1	-0.1	+0.1	0.0	+0.2
	-0.2	-0.7	-0.5	+0.7	+0.3	0.0	+0.6	+0.6	-0.2	-0.5	0.0	-0.5	+0.1	0.0	-0.1	-0.1
trigger	+0.2	-0.1	-0.2	-0.4	+0.2	+0.2	+0.3	-0.1	-0.1	-0.1	+0.1	-0.5	0.0	+0.2	0.0	-0.2
	-0.1	-0.1	0.0	+0.5	-0.1	-0.1	-0.1	+0.2	0.0	-0.1	-0.1	+0.3	0.0	-0.1	-0.1	+0.2
trigger ( $\eta$ )	-0.3	-0.2	0.0	+1.1	-0.2	-0.1	0.0	+0.3	-0.2	-0.1	-0.1	0.0	-0.2	-0.1	+0.1	+0.1
	+0.3	+0.2	0.0	-1.1	+0.2	+0.1	0.0	-0.3	+0.2	+0.1	+0.1	0.0	+0.2	+0.1	-0.1	-0.1
non- $\tau\bar{\tau}$ background	-0.9	-0.6	-1.0	-4.7	+0.2	+0.5	+0.4	-0.3	+0.8	+0.7	+0.5	+0.5	+1.3	+1.1	+1.1	+1.1
	+1.0	+0.2	+0.5	+4.6	+0.1	-0.4	-0.1	+0.5	-0.8	-0.9	-0.4	-0.8	-1.2	-0.9	-1.1	-1.0
b-tagging	-0.1	-0.1	-0.1	-0.1	0.0	0.0	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	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
b-tagging (light jets)	-0.2	-0.1	-0.2	-1.2	+0.1	+0.2	+0.1	-0.2	+0.2	+0.2	+0.1	+0.1	+0.3	+0.2	+0.2	+0.1
	+0.2	-0.5	-0.3	+1.4	+0.2	0.0	+0.4	+0.4	-0.4	-0.6	0.0	-0.5	-0.3	-0.1	-0.3	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 $\tau\bar{\tau} \rightarrow \ell\ell$	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	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PDF eigenvector 2	-0.3	0.0	+0.1	+0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	+0.2	+0.2	+0.1	0.0
	+0.2	0.0	-0.1	-0.2	0.0	-0.1	0.0	+0.1	0.0	+0.1	+0.1	+0.1	0.0	0.0	0.0	-0.1
PDF eigenvector 3	+0.1	0.0	0.0	-0.1	+0.1	+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	+0.1	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 4	-0.3	0.0	+0.1	+0.3	0.0	0.0	0.0	+0.1	0.0	-0.1	0.0	0.0	+0.1	+0.1	+0.1	0.0
	+0.2	-0.1	-0.2	-0.1	+0.1	0.0	+0.1	+0.1	0.0	0.0	+0.1	-0.1	0.0	0.0	-0.1	0.0
PDF eigenvector 5	+0.1	-0.2	-0.2	0.0	0.0	-0.1	+0.1	+0.3	-0.1	-0.1	+0.2	0.0	0.0	+0.1	0.0	-0.1
	+0.1	-0.1	-0.1	-0.1	+0.2	+0.2	+0.2	-0.2	+0.1	0.0	-0.2	-0.2	-0.1	0.0	-0.1	+0.2
PDF eigenvector 6	-0.2	0.0	0.0	+0.1	0.0	+0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	+0.1	+0.1	+0.1	+0.1
	+0.1	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	0.0
PDF eigenvector 7	+0.1	0.0	-0.1	-0.2	-0.2	-0.2	0.0	+0.3	0.0	+0.1	+0.4	+0.1	0.0	0.0	0.0	-0.3
	0.0	0.0	0.0	+0.1	+0.1	+0.1	0.0	-0.2	0.0	0.0	-0.2	-0.1	0.0	0.0	0.0	+0.2
PDF eigenvector 8	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0
PDF eigenvector 9	+0.1	-0.1	-0.1	+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
	-0.1	-0.2	-0.2	0.0	+0.1	+0.1	+0.2	+0.1	-0.1	-0.1	0.0	-0.1	+0.1	+0.1	0.0	+0.1
PDF eigenvector 10	-0.1	-0.1	-0.1	+0.2	+0.2	+0.1	+0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.1	0.0	0.0	+0.2
	+0.1	0.0	-0.1	-0.2	-0.1	-0.1	0.0	+0.1	0.0	+0.1	+0.2	0.0	+0.1	0.0	0.0	-0.1
PDF eigenvector 11	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	-0.2	-0.2	0.0	0.0	0.0	+0.1	+0.1	0.0	-0.1	+0.1	-0.1	+0.1	+0.1	0.0	0.0
PDF eigenvector 12	+0.1	-0.2	-0.2	-0.1	0.0	0.0	+0.2	+0.2	0.0	-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	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	+0.1
PDF eigenvector 13	+0.1	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.0
	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	+0.1	0.0	+0.1	+0.1	+0.1	0.0
PDF eigenvector 14	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	-0.1	-0.1	+0.2	+0.1	+0.1	+0.1	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	+0.1