

source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
JESSinglePionHCAL	-0.1	-0.3	-0.2	0.0	+0.2	+0.3	+0.2	-0.6	+0.2	-0.1	0.0	0.0	-0.1	-0.1	0.0	+0.1
	+0.2	+0.1	-0.3	+0.4	-0.1	-0.5	+0.6	-0.4	+0.1	-0.2	+0.2	+0.6	-0.1	+0.3	-0.3	+0.9
JESTimePtEta	+0.8	-0.7	+0.6	+0.1	-0.6	-0.3	-0.4	-0.2	-0.7	+0.2	+0.3	0.0	+0.5	+0.8	-0.5	+1.5
	-0.1	+0.2	+0.1	+0.1	+0.3	-0.4	+0.1	+0.1	-0.2	-0.5	+0.6	-0.4	+0.7	0.0	-1.2	+1.6
\vec{p}_T^{miss}	+0.7	-0.6	+0.6	-0.1	+0.2	-0.1	+0.1	-0.6	+0.3	+0.1	-0.3	-0.1	-0.6	-0.1	-0.3	+0.5
	-0.2	+0.1	0.0	+0.5	-0.2	+0.4	-0.1	+0.1	-0.2	-0.2	+0.4	+0.2	+0.2	-0.2	0.0	+0.4
lepton ID/ISO	-0.2	+0.1	0.0	-0.4	0.0	+0.2	0.0	-0.2	-0.1	+0.2	-0.1	-0.3	-0.1	+0.3	0.0	-0.6
	+0.2	-0.1	0.0	+0.4	0.0	-0.2	0.0	+0.2	+0.1	-0.2	+0.1	+0.3	+0.1	-0.3	0.0	+0.6
pileup	-0.1	+0.3	0.0	-0.2	+0.1	+0.2	+0.1	0.0	-0.1	-0.1	0.0	-0.2	-0.1	-0.2	-0.1	-0.2
	0.0	-0.3	0.0	+0.3	-0.1	-0.2	-0.1	0.0	+0.1	+0.1	0.0	+0.1	+0.1	+0.1	+0.1	+0.2
trigger	0.0	+0.1	0.0	0.0	+0.1	+0.2	+0.1	+0.2	0.0	+0.1	+0.1	+0.1	-0.4	-0.2	-0.2	-0.2
	0.0	-0.1	0.0	0.0	-0.1	-0.2	-0.1	-0.2	0.0	-0.1	-0.1	-0.1	+0.4	+0.2	+0.2	+0.2
trigger (η)	-0.2	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	+0.4	+0.3	+0.2	+0.2
	+0.2	+0.2	+0.2	+0.2	+0.1	+0.1	+0.1	+0.1	0.0	0.0	0.0	0.0	-0.4	-0.3	-0.2	-0.2
non- $\text{f}\bar{\text{f}}$ background	-0.9	+0.6	+0.9	+1.0	-0.8	+0.6	+0.8	+1.0	-0.7	+0.6	+0.6	+1.1	-2.0	+0.1	+1.1	+0.2
	+0.9	-0.6	-0.9	-0.9	+0.7	-0.5	-0.8	-0.9	+0.7	-0.5	-0.6	-1.0	+1.9	-0.1	-1.0	-0.2
b-tagging	-0.1	+0.1	0.0	0.0	-0.1	0.0	0.0	+0.1	-0.1	0.0	0.0	+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	+0.1	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1
b-tagging (light jets)	-0.2	+0.2	+0.3	+0.3	-0.2	+0.2	+0.3	+0.2	-0.3	+0.1	+0.2	+0.2	-0.6	0.0	+0.2	+0.1
	+0.2	-0.2	-0.3	-0.3	+0.2	-0.2	-0.3	-0.2	+0.3	-0.1	-0.2	-0.2	+0.6	0.0	-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 $\text{f}\bar{\text{f}} \rightarrow \ell\ell$	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1
PDF eigenvector 2	-0.2	-0.1	0.0	+0.1	-0.1	0.0	0.0	+0.1	0.0	0.0	+0.1	0.0	+0.1	+0.1	0.0	-0.2
	+0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	+0.1	-0.1
PDF eigenvector 3	+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	-0.1	-0.1	+0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	+0.1	0.0
PDF eigenvector 4	-0.2	0.0	0.0	+0.1	-0.1	0.0	0.0	+0.1	0.0	0.0	0.0	+0.1	+0.1	+0.1	+0.1	0.0
	+0.1	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
PDF eigenvector 5	0.0	-0.1	0.0	-0.2	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	-0.1	0.0	+0.1	+0.1	-0.2
	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	0.0	0.0	-0.1	0.0	-0.1	-0.2	-0.3	+0.2
PDF eigenvector 6	-0.1	0.0	0.0	+0.1	0.0	+0.1	0.0	+0.1	0.0	0.0	0.0	+0.1	0.0	0.0	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	-0.1	0.0	0.0	0.0	-0.1
PDF eigenvector 7	0.0	-0.1	-0.1	-0.3	0.0	-0.1	-0.1	-0.3	0.0	0.0	+0.1	-0.2	+0.1	+0.2	+0.2	-0.4
	0.0	+0.1	0.0	+0.2	0.0	+0.1	0.0	+0.1	0.0	0.0	-0.1	+0.1	-0.1	-0.1	-0.1	+0.2
PDF eigenvector 8	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
PDF eigenvector 9	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	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	-0.1	0.0	-0.1	+0.1
PDF eigenvector 10	0.0	+0.1	0.0	+0.1	0.0	+0.1	0.0	+0.1	0.0	0.0	-0.1	+0.1	0.0	-0.1	-0.1	+0.2
	0.0	-0.1	0.0	-0.2	0.0	-0.1	0.0	-0.1	0.0	0.0	+0.1	-0.1	0.0	+0.1	+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	+0.1	-0.1
PDF eigenvector 12	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	+0.1	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	+0.1	0.0	-0.1	0.0	+0.1
PDF eigenvector 13	+0.1	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	-0.1	+0.1
	-0.1	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	+0.1	-0.1
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	-0.1
	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	+0.1