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	25	26	27	28	29	30	31	32	33	34	35	36
JESRelativeJEREC2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESRelativeJERHF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESRelativePtBB	+0.2	+0.2	+0.2	+0.2	−0.2	−0.1	+0.2	+0.2	+0.1	+0.1	+0.1	−0.2	+0.6	+0.2	+0.1	−0.5	−0.3	−0.2	−0.4	+0.1	0.0	−0.3	+0.4	+0.7	+0.9	+0.1	+1.0	+0.3	−1.0	−0.4	−1.0	−0.6	−0.6	+0.9	−1.2	−0.4
	−0.5	−1.5	−0.8	+0.2	+0.3	+0.4	+0.4	0.0	−0.1	−0.1	0.0	0.0	−0.4	+1.0	+0.4	−1.1	+0.4	0.0	−0.1	−0.1	+0.5	−0.1	+0.2	+0.1	−0.7	−0.3	−0.1	−0.8	+0.9	+0.2	+0.4	+0.7	−0.3	+0.6	−0.3	−0.1
JESRelativePtEC1	0.0	+1.1	+0.2	+0.3	+0.3	+0.4	0.0	0.0	+0.3	+0.2	+0.2	−0.1	+0.3	+1.1	−0.1	+1.0	+0.2	0.0	−0.2	−0.1	−0.1	+0.1	−0.2	−2.3	+0.3	−0.3	+1.6	−4.6	0.0	−1.1	−0.6	+0.5	−0.5	−0.5	−0.5	−1.5
	−0.6	−0.8	−1.0	−0.4	−0.4	−0.4	+0.1	+0.7	−0.3	−0.4	−0.1	+0.7	−0.2	−0.9	−1.8	−0.3	−0.2	+0.2	+0.6	+0.8	+0.3	+0.2	+0.6	+0.5	+1.1	−0.8	+1.0	+1.6	−0.2	+0.1	−0.1	−0.1	+0.3	+0.9	+0.1	+0.9
JESRelativePtEC2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESRelativePtHF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESRelativeStatEC	0.0	+0.3	−0.1	+0.1	0.0	+0.2	+0.3	+0.2	+0.2	−0.1	+0.2	−0.5	+0.1	+0.4	−0.1	+1.0	0.0	+0.1	−0.2	+0.6	+0.1	−0.1	+0.2	−1.3	−0.1	−0.4	+1.9	+0.4	+0.1	−0.1	−1.5	−3.0	−0.4	+0.2	−0.6	+0.2
	−0.1	−0.4	−1.0	0.0	0.0	0.0	0.0	+0.3	−0.1	−0.1	0.0	0.0	+0.1	0.0	−0.3	−0.8	−0.2	−0.1	+0.1	+1.3	+0.2	−0.1	+0.2	+1.3	+0.7	−0.2	+2.0	+0.1	−0.3	+0.2	−0.7	−1.5	−0.3	+0.5	0.0	−0.5
JESRelativeStatFSR	0.0	+0.1	−0.2	+0.1	−0.2	0.0	+0.2	+0.2	+0.2	−0.2	+0.2	−0.1	+0.5	+0.1	+0.1	−0.5	0.0	0.0	−0.1	0.0	−0.2	+0.3	0.0	+0.3	−0.5	−1.0	+1.0	−0.1	+0.4	+0.3	−1.1	+0.4	−0.3	−0.1	−0.8	−0.3
	0.0	0.0	−0.7	0.0	−0.1	0.0	0.0	+0.2	0.0	−0.1	0.0	+0.1	−0.1	0.0	−0.2	−0.4	+0.1	0.0	+0.1	−0.1	0.0	+0.3	+0.1	+0.9	−0.2	−0.7	+1.2	−0.7	+0.3	+0.3	−0.9	+1.0	0.0	−0.1	−0.6	−0.7
JESRelativeStatHF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESSinglePionECAL	−0.6	−1.0	−0.7	0.0	+0.2	+0.2	0.0	0.0	−0.2	−0.3	−0.3	−0.1	+0.3	+0.3	+0.6	0.0	−0.3	−0.1	+0.4	+0.1	+0.2	+0.1	0.0	−0.1	+0.8	−0.9	+1.2	+0.3	+1.2	+1.0	+0.4	+0.1	−0.1	+0.7	+0.2	+0.7
	+0.3	0.0	−0.1	+0.3	0.0	+0.5	+0.4	+0.6	+0.5	+0.1	−0.3	−0.3	+0.3	+0.5	−0.4	−0.7	−0.2	−0.3	−0.1	+0.5	0.0	0.0	+0.6	−0.7	+0.3	+0.3	0.0	−0.8	−0.9	−1.4	−1.3	−0.4	−0.7	−0.5	−0.2	−0.8
JESSinglePionHCAL	−0.4	−0.6	−0.5	−0.1	−0.3	0.0	+0.1	0.0	−0.3	−0.2	−0.3	+0.1	−0.1	−0.3	+0.1	−0.2	+0.3	+0.2	+0.4	−0.1	+0.4	−0.2	+0.3	−0.1	+0.3	−1.5	+0.1	+0.8	+1.3	+1.3	+0.6	+0.4	−0.2	+0.8	0.0	+0.1
	+0.3	0.0	−0.5	+0.3	+0.1	+0.4	+0.4	+0.5	+0.3	+0.1	−0.1	−0.4	+0.5	+1.3	+0.1	−0.3	−0.5	−0.3	−0.6	+0.5	+0.2	0.0	+0.3	−0.8	+0.3	−0.5	+0.7	−0.7	−0.5	−1.0	−0.4	−1.6	−0.8	0.0	−0.3	−0.4
JESTimePtEta	−0.1	−0.1	−0.4	−0.1	−0.2	0.0	+0.3	0.0	+0.3	−0.1	+0.1	0.0	+0.3	−0.2	−0.2	0.0	−0.3	−0.1	0.0	+0.2	−0.2	0.0	+0.1	+0.3	−1.0	−0.3	+1.0	+1.0	+1.2	+0.7	−1.6	−0.6	−0.5	0.0	−0.3	+0.4
	−0.2	+0.2	0.0	0.0	0.0	+0.3	−0.1	−0.1	+0.1	−0.2	0.0	+0.2	+0.8	+0.2	−0.5	+1.0	−0.1	0.0	+0.1	+0.8	0.0	+0.3	+0.3	−1.4	−0.2	−0.2	+1.5	−0.4	+0.4	−0.5	+0.1	−1.6	−0.1	−0.1	−0.6	−1.1
$\vec{p}_{\mathrm{T}}^{\mathrm{miss}}$	−2.2	−0.4	−1.2	−0.2	+0.2	+0.2	−0.3	−0.2	+0.1	+0.2	+0.5	+0.2	+0.7	+0.8	−0.1	+0.9	−0.2	+0.1	+0.1	+0.4	+0.4	−0.1	+0.4	+0.5	+2.1	−1.1	+0.6	0.0	−0.6	+0.1	+0.1	−0.6	+0.3	+0.4	0.0	−0.6
	−0.1	−0.2	+0.8	+0.4	−0.1	−0.3	+0.2	+0.6	−0.1	+0.1	−0.6	−0.6	−0.2	+0.1	−0.6	+1.6	−0.2	+0.1	0.0	+0.5	−0.1	−0.3	−0.1	−0.1	−0.4	+1.2	0.0	0.0	+0.1	−0.4	+0.2	−1.4	−0.4	0.0	−0.3	+0.7
lepton ID/ISO	−0.2	−0.1	−0.5	−0.2	+0.1	+0.3	+0.2	+0.6	−0.1	0.0	−0.2	−0.6	−0.1	+0.1	−0.1	−0.3	+0.2	+0.3	+0.5	−0.1	−0.1	−0.2	−0.7	+0.1	+0.2	0.0	+0.1	+0.3	+0.3	+0.4	+0.8	−0.1	−0.2	−0.1	−0.9	
	+0.2	+0.1	+0.5	+0.1	−0.1	−0.3	−0.2	−0.6	+0.1	0.0	+0.2	+0.6	+0.1	0.0	+0.1	+0.3	−0.2	−0.3	−0.3	−0.5	+0.1	+0.1	+0.2	+0.7	−0.1	−0.2	0.0	−0.1	−0.3	−0.4	−0.4	−0.8	+0.1	+0.2	+0.2	+0.9
pileup	+0.6	−0.3	−0.5	−0.5	+0.1	+0.2	+0.3	+0.1	+0.3	+0.3	+0.2	+0.2	−0.5	+0.3	−0.3	−0.5	+0.2	−0.1	−0.2	+0.1	−0.2	−0.1	+0.2	−0.1	−0.8	+1.7	+0.4	−2.1	+0.9	−0.9	−0.9	+0.8	+0.2	−0.6	+0.2	−0.7
	−0.7	+0.2	+0.6	+0.5	−0.1	−0.2	−0.3	−0.1	−0.3	−0.3	−0.2	−0.1	+0.4	−0.1	+0.6	+0.3	−0.2	+0.1	+0.3	−0.1	+0.2	0.0	−0.2	+0.1	+0.8	−1.8	−0.2	+2.4	−1.0	+0.8	+0.7	−0.9	−0.1	+0.5	−0.1	+0.7
trigger	+0.1	+0.2	+0.1	−0.3	+0.2	+0.1	0.0	−0.1	+0.1	0.0	−0.1	−0.2	+0.1	+0.2	+0.2	−0.4	+0.2	+0.1	0.0	−0.2	+0.1	0.0	−0.1	−0.2	+0.1	+0.2	+0.3	−0.2	+0.2	+0.2	+0.2	+0.1	+0.2	+0.1	0.0	−0.1
	−0.1	−0.2	−0.1	+0.3	−0.2	−0.1	0.0	+0.1	−0.1	0.0	+0.1	+0.2	−0.1	−0.2	−0.2	+0.4	−0.2	−0.1	0.0	+0.2	−0.1	0.0	+0.1	+0.2	−0.1	−0.2	−0.3	+0.2	−0.2	−0.2	−0.1	+0.2	−0.1	0.0	+0.1	+0.2