

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	
JER	+0.2	+0.6	+0.3	+0.6	0.0	+0.5	+0.4	+0.8	0.0	+0.3	+0.2	+0.9	-0.8	+0.9	+0.3	-0.6	-0.5	-0.2	+0.8	-0.6	0.0	+0.1	+0.1	-2.9	+0.3	-1.8	+0.3	-0.2	-0.5	-1.1	-0.2	-2.3	-0.9	-1.4	-1.3	+0.3	
	-0.3	-1.1	-1.9	-0.6	-0.6	+0.2	-0.1	+0.2	-0.2	-0.2	+0.2	0.0	+2.2	+0.4	+0.3	-2.0	-0.5	-0.3	-0.1	+0.7	+0.6	+0.3	+0.1	+0.7	+2.4	-1.3	+0.5	+1.1	+1.5	-0.3	+2.0	+1.8	+0.3	+1.2	-0.4	-0.3	
JESAbsoluteMPFBias	+0.7	+0.4	-0.1	+0.5	-0.1	+0.3	+0.3	+0.4	+0.1	-0.1	+0.1	-0.5	+1.4	+1.3	0.0	+0.4	-0.4	-0.4	-0.5	+0.5	+0.1	-0.1	+0.2	-1.0	+1.1	-0.6	+1.4	-0.3	-0.3	-0.7	-0.5	-1.8	-1.0	-0.8	-0.8	-0.6	
	-0.7	-0.8	-1.4	-0.3	0.0	+0.2	+0.1	+0.2	-0.2	+0.2	+0.1	0.0	-0.3	-0.7	-0.2	-1.4	0.0	0.0	+0.3	+0.2	+0.8	+0.1	+0.4	+0.3	-0.1	-1.7	+1.3	-0.5	+1.2	+1.1	+0.4	+0.8	+0.1	+0.4	+0.3	+0.9	
JESAbsoluteScale	+0.5	0.0	-0.1	+0.5	-0.2	+0.3	+0.2	+0.3	0.0	-0.1	+0.2	-0.1	+0.8	+0.9	-0.3	+0.8	-0.3	-0.4	-0.4	+0.6	-0.1	-0.4	+0.2	-1.5	-0.2	+0.3	+0.9	-1.2	+0.1	-0.5	-0.7	0.0	-0.6	-0.2	-1.0	-0.6	
	-0.7	-0.7	-1.1	-0.5	-0.1	0.0	+0.2	+0.1	-0.1	+0.1	+0.2	0.0	-0.4	-0.4	-0.5	+0.3	+0.2	+0.1	+0.3	+1.2	+0.5	0.0	+0.2	+0.4	-0.1	-1.1	+2.7	+0.4	+0.8	+0.4	-1.4	-2.1	-0.2	+1.3	-0.3	+0.9	
JESAbsoluteStat	+0.3	+0.9	-1.1	-0.4	-0.4	0.0	-0.2	+0.4	+0.1	+0.1	+0.6	+0.4	+1.1	+0.8	-0.6	+1.3	-0.5	-0.5	-0.4	+0.6	+0.2	+0.2	+0.7	-2.2	-0.2	+1.8	+1.7	+0.8	-1.0	-1.1	-1.5	-3.7	-0.1	+0.9	-0.8	+0.7	
	-1.0	-0.3	-0.4	-0.3	+0.3	+0.1	+0.4	+0.2	-0.4	-0.3	-0.5	+0.3	-0.4	-0.3	-1.2	+2.4	-0.1	+0.2	+0.6	+1.4	+0.1	0.0	+0.1	-0.4	+2.9	-2.7	+2.2	+0.4	-0.2	+0.6	-0.1	-2.1	-0.6	+0.7	-0.7	-0.1	
JESFlavourQCD	+2.9	+2.6	+1.2	+1.4	-0.2	+0.6	+0.1	+0.7	+0.8	+1.0	+0.9	+0.7	+2.3	+1.1	-0.1	+0.4	-1.7	-1.0	-0.9	-0.1	0.0	-0.3	-0.7	-1.6	+2.8	-0.2	-1.0	-5.7	-4.8	-5.1	-1.1	-2.4	-2.5	-2.2	-2.2	-2.4	
	-3.0	-3.4	-3.1	-1.8	0.0	-0.1	+0.1	-0.3	-1.2	-0.6	-0.5	-0.3	-1.9	-0.5	-0.9	-1.2	+1.1	+1.0	+1.4	+2.1	+1.1	+0.1	+0.5	+0.3	+2.8	+1.9	+1.6	+1.7	+2.4	+2.3	+3.5	+3.8	+1.8	+3.5	+1.6	+2.3	
JESFragmentation	+0.1	-0.2	-0.2	+0.2	+0.1	+0.4	+0.5	+0.4	+0.2	+0.2	-0.2	-0.4	+0.7	+0.8	+0.1	-0.2	-0.6	-0.4	-0.4	+0.7	+0.3	+0.4	+0.3	-1.1	+0.1	-0.4	+0.8	-0.5	-0.2	-1.3	-0.9	-2.4	-0.7	-0.2	+0.3	+0.4	
	-0.4	-0.6	-1.1	-0.2	0.0	0.0	0.0	+0.1	-0.3	-0.2	-0.2	-0.3	-0.1	+0.1	-0.1	+0.3	+0.1	+0.1	+0.3	+1.4	+0.3	-0.1	+0.1	+0.3	+1.1	-0.5	+3.1	-0.1	+0.5	+0.9	-1.6	0.0	-0.1	+0.6	0.0	+0.4	
JESPileUpDataMC	+0.5	0.0	-0.5	0.0	-0.1	+0.4	+0.4	+0.7	+0.2	+0.2	+0.1	+0.5	+0.4	+0.5	+0.1	-0.7	-0.5	-0.3	-0.1	-0.3	+0.3	+0.1	+1.0	-1.1	-0.5	-1.1	-0.2	+0.4	-0.4	-1.0	-0.2	-1.4	-0.5	-0.8	-0.9	-0.9	
	-0.5	-0.9	-1.0	-0.5	+0.1	+0.1	+0.1	-0.1	-0.2	-0.4	-0.3	-0.6	0.0	+0.3	+0.4	-0.1	+0.4	+0.1	+0.4	+1.4	0.0	0.0	+0.5	+0.3	+1.2	+0.3	+2.3	+0.3	+0.7	+0.9	-0.9	-0.1	+0.3	+1.1	-0.9	+0.9	
JESPileUpPtBB	0.0	-0.3	-0.4	+0.1	-0.2	+0.4	+0.5	+0.3	+0.4	+0.2	+0.4	+0.3	-0.3	-0.2	-0.1	-1.1	0.0	-0.2	-0.2	+0.3	+0.1	+0.1	+0.3	+0.4	-1.1	-1.7	0.0	-0.6	-0.4	-0.3	-0.8	-0.5	-0.2	0.0	-0.8	-0.5	
	-0.2	-0.4	-0.4	-0.1	0.0	-0.1	-0.3	0.0	-0.3	-0.2	-0.2	0.0	-0.1	+1.9	+2.3	-0.6	0.0	-0.2	-0.2	-0.2	-0.1	-0.4	-0.1	-0.1	+1.7	+0.8	+1.0	-0.1	+0.5	+0.6	0.0	+1.9	-0.1	+1.0	-0.5	-0.3	
JESPileUpPtEC1	+1.0	+1.4	-0.3	-0.1	+0.1	+0.4	+0.2	+0.1	+0.5	+0.7	+0.6	+0.2	+1.0	+1.2	-0.3	+0.3	-0.3	-0.2	-0.6	+0.2	-0.1	-0.2	+0.1	-1.0	+0.1	-0.4	+1.2	-5.9	-0.8	-1.9	-0.7	-2.1	-0.9	-0.5	-0.6	-0.8	
	-0.9	-1.2	-1.2	-0.2	-0.6	-0.4	-0.2	+0.2	-0.5	-0.6	-0.7	-0.5	-0.2	-0.7	+0.1	+2.3	+0.1	+0.2	+0.4	+2.1	+0.2	+0.2	+0.3	+0.6	+0.4	-0.2	+2.0	+1.5	+0.6	0.0	+2.1	-0.7	+0.9	+0.9	+0.6	+0.9	
JESPileUpPtEC2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESPileUpPtHF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JESPileUpPtRef	+0.1	-0.1	-0.3	+0.3	+0.2	+0.5	+0.1	+0.5	+0.5	+0.5	0.0	+0.1	+0.3	-0.3	-0.6	-0.9	-0.4	-0.1	-0.2	-0.4	+0.2	+0.5	+0.7	-0.7	-1.1	-1.2	-1.2	-0.9	-0.8	-0.8	+0.5	-0.8	-0.1	-1.2	-0.4	-0.6	
	-0.2	-0.6	-1.0	0.0	-0.2	+0.1	-0.2	-0.3	-0.6	-0.4	-0.7	-0.7	+0.1	+0.7	+0.8	+2.3	+0.1	0.0	0.0	+0.9	+0.1	-0.1	-0.1	+0.6	+1.2	-0.4	+1.3	+1.1	+1.7	+1.4	+1.0	-0.6	+0.2	+0.2	+0.6	-0.4	
JESRelativeBal	+1.9	+2.2	+1.5	+1.6	-0.1	+0.3	-0.2	0.0	+0.3	+0.4	+0.2	-1.1	+1.6	+1.4	+0.7	+0.1	-0.7	-0.5	-0.6	-0.2	+0.2	-0.2	-0.5	-0.8	+2.5	-0.7	+1.5	-4.7	-1.9	-2.5	-0.9	-0.8	-1.8	-1.8	-1.8	-1.7	
	-2.6	-2.7	-2.8	-1.7	-0.1	-0.2	+0.2	+0.7	-0.7	-0.4	-0.1	+1.1	-0.8	-0.1	-0.6	-1.7	+0.2	0.0	+1.1	+2.0	+0.9	+0.2	+1.2	+1.5	+0.9	+0.2	0.0	+2.2	+0.7	+1.4	+1.4	-0.3	+1.1	+2.1	+1.2	+1.4	
JESRelativePSR	-0.6	-0.9	-0.7	-0.1	+0.2	+0.1	+0.2	+0.2	-0.2	-0.2	-0.2	0.0	-0.5	-0.8	-0.5	-0.5	+0.2	+0.2	+0.5	-0.1	+0.5	0.0	+0.8	+0.2	+0.3	-0.4	+0.9	+0.5	+0.7	+0.8	-0.7	+1.5	0.0	+0.8	-0.5	-0.5	
	+0.2	+0.5	+0.2	0.0	+0.1	+0.2	+0.1	+0.2	-0.1	-0.1	+0.3	0.0	+1.0	+0.8	+0.1	+0.7	-0.8	-0.5	-0.1	+0.9	+0.3	0.0	0.0	-0.9	-0.2	+1.1	+0.4	-0.1	-0.6	-0.5	-1.5	-0.9	-0.6	-0.4	-0.9	-1.0	
JESRelativeJEREC1	0.0	0.0	-0.2	0.0	+0.1	0.0	0.0	+0.1	0.0	0.0	+0.2	-0.4	+0.1	-0.1	-0.1	+0.3	-0.1	0.0	+0.2	+1.0	+0.2	0.0	0.0	+0.5	+0.2	-0.4	+1.6	0.0	-0.2	+0.1	-1.0	-2.5	-0.2	+0.2	-0.9	+0.4	
	0.0	0.0	-0.7	-0.1	0.0	0.0	-0.1	+0.2	0.0	-0.2	-0.3	-0.6	-0.1	+0.1	-0.2	+0.4	0.0	+0.1	+0.2	+1.3	+0.2	0.0	+0.1	+1.8	+1.0	-1.0	+2.1	-0.1	-0.6	+0.1	-0.8	-3.1	-0.2	+0.6	-0.2	+0.1	