

source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PDF eigenvector 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	-0.1	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
PDF eigenvector 16	0.0	0.0	+0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	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 17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	+0.1	+0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	+0.1	+0.1	0.0
PDF eigenvector 18	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	+0.1	+0.1	+0.1	+0.1	0.0	0.0
	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	+0.1	+0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0
PDF eigenvector 19	0.0	+0.1	+0.1	0.0	+0.1	0.0	0.0	-0.2	0.0	0.0	+0.1	-0.1	+0.1	+0.1	+0.1	-0.2
	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	+0.2	0.0	0.0	0.0	+0.2	-0.2	-0.2	-0.1	+0.3
PDF eigenvector 20	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	0.0	0.0	0.0	0.0	0.0	+0.1
PDF eigenvector 21	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	+0.1	-0.1	0.0	0.0	+0.2	0.0	0.0	0.0	+0.1
	+0.1	+0.1	+0.1	0.0	0.0	0.0	0.0	-0.1	+0.1	+0.1	0.0	-0.2	0.0	0.0	0.0	-0.1
PDF eigenvector 22	-0.1	-0.1	0.0	+0.1	-0.1	-0.1	0.0	+0.1	-0.2	-0.1	+0.1	+0.4	0.0	0.0	0.0	+0.1
	+0.1	+0.2	+0.1	-0.1	+0.1	0.0	0.0	-0.1	+0.1	+0.1	0.0	-0.3	0.0	0.0	+0.1	0.0
PDF eigenvector 23	+0.1	+0.1	+0.1	-0.1	0.0	0.0	0.0	+0.1	+0.2	+0.1	0.0	-0.3	-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	+0.2	0.0	0.0	0.0	+0.2
PDF eigenvector 24	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	+0.1	0.0	0.0	0.0	+0.2	-0.1	-0.1	0.0	+0.2
	0.0	0.0	+0.2	+0.1	-0.1	-0.1	-0.1	+0.1	0.0	+0.1	+0.2	-0.1	0.0	-0.1	-0.1	-0.2
PDF eigenvector 25	0.0	0.0	+0.1	+0.1	-0.1	-0.1	0.0	+0.1	+0.1	0.0	+0.1	-0.1	0.0	-0.1	-0.1	-0.2
	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	+0.2	0.0	0.0	0.0	+0.3	-0.2	-0.2	-0.1	+0.4
PDF eigenvector 26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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
PDF eigenvector 27	+0.1	+0.1	+0.3	+0.2	0.0	-0.1	0.0	-0.3	+0.1	+0.1	+0.2	-0.1	+0.1	0.0	0.0	-0.4
	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	+0.1
PDF eigenvector 28	+0.1	+0.1	+0.1	0.0	0.0	-0.1	-0.1	-0.1	+0.1	+0.1	+0.1	0.0	0.0	-0.1	0.0	0.0
	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	+0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	+0.1
α_S	+0.1	0.0	+0.2	+0.1	0.0	-0.1	0.0	-0.2	+0.1	+0.1	+0.1	0.0	0.0	0.0	0.0	-0.2
	-0.1	0.0	-0.2	-0.1	0.0	+0.1	0.0	+0.2	-0.1	-0.1	-0.1	+0.1	0.0	0.0	0.0	+0.3
m_t^{MC}	-1.4	-1.6	-1.5	-2.4	-0.2	-0.3	-0.3	+0.4	+0.7	+0.6	+1.0	+0.9	+1.5	+1.6	+2.1	+2.7
	+1.4	+1.6	+1.4	+1.7	+0.6	+0.5	+0.4	-0.3	-0.4	-0.7	-0.5	-1.4	-1.7	-2.1	-1.9	-2.5
$\mu_{r,f}$	+1.0	+0.4	+1.5	+1.0	-0.1	-0.5	+0.2	-1.4	+0.6	+0.3	+0.7	-0.5	0.0	-0.3	-1.1	-2.8
	-1.1	-0.3	-1.3	-1.1	0.0	+0.3	-0.5	+1.3	-0.6	-0.2	-0.6	+0.6	0.0	+0.2	+1.5	+3.9
h_{damp}	+1.0	+0.3	+0.1	-0.5	-0.5	+0.1	0.0	-0.5	+0.1	+0.2	+1.0	-0.6	0.0	+0.2	-1.2	+1.9
	+0.9	-1.3	-2.0	-0.4	-0.4	0.0	+0.8	+1.1	+0.1	0.0	+1.6	-1.0	+0.2	-0.5	+0.3	-0.5
PS ISR	+0.5	-0.6	0.0	-0.4	0.0	-0.6	0.0	+0.1	+0.3	0.0	+1.9	-0.4	-0.1	-0.4	0.0	+0.1
	+1.0	+0.7	-1.1	-0.7	-0.2	-0.9	+0.1	+0.5	+0.7	-0.6	+1.6	-0.5	-0.6	+0.5	-0.5	+0.7
PS FSR	+0.5	-0.9	+0.9	-0.1	+0.8	0.0	+0.8	0.0	+0.1	-0.3	+1.9	-1.6	-1.2	-0.8	-1.5	0.0
	+0.2	+0.6	+0.2	-1.0	-0.2	-0.6	-0.7	+0.2	+0.2	0.0	+1.4	-0.8	+0.3	+0.6	+1.7	0.0
UE tune	+0.5	-0.2	0.0	-1.0	+1.0	-0.1	+0.3	+0.3	-0.4	-0.6	+1.5	-1.1	-0.1	+0.1	-0.7	+0.1
	+1.1	-0.6	-1.5	-0.3	+0.6	0.0	-0.1	+0.3	+0.3	0.0	+1.2	-0.6	-0.7	-0.8	+0.9	-0.2
colour reconnection	+0.1	-0.7	-0.3	-1.1	+0.5	-0.4	-0.1	+0.4	+1.0	-1.0	+0.8	+0.4	-0.5	+1.1	+0.1	+0.3
	-0.2	+0.2	0.0	-0.1	+0.6	-0.5	0.0	-0.2	-0.1	-0.5	+1.1	-0.8	+0.3	+0.3	-0.5	+1.8
	+0.2	+0.7	-0.6	-0.5	-0.2	-0.7	-0.6	+0.5	+0.2	+0.1	+1.4	-0.6	-0.1	+0.8	-0.2	+0.4
fragmentation $b \rightarrow B$	+1.2	+0.7	+1.3	+0.4	+0.1	-0.2	0.0	-0.8	+0.2	0.0	0.0	-0.8	0.0	-0.7	-0.8	-1.1
	-0.6	-0.4	-0.6	-0.3	0.0	0.0	-0.1	+0.3	0.0	0.0	+0.1	+0.4	0.0	+0.4	+0.5	+0.6
	+0.2	+0.1	+0.2	+0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.2
	+1.4	+0.8	+1.3	+0.7	-0.1	-0.2	-0.1	-0.6	0.0	-0.2	-0.3	-0.8	-0.2	-0.5	-0.8	-1.0
branching ratio $B \rightarrow \mu$	0.0	0.0	0.0	0.0	+0.1	-0.1	0.0	0.0	+0.1	+0.1	+0.2	0.0	0.0	-0.1	-0.1	-0.1
	+0.1	+0.2	+0.2	+0.1	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	+0.1	+0.1	+0.1	+0.2