

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
PDF eigenvector 15	0.0	0.0	0.0	0.0	+0.1	+0.1	0.0	+0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	+0.1	+0.1	+0.1	+0.1	-0.1	-0.1	-0.1	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	+0.1	-0.2	0.0	+0.1	0.0	+0.1	+0.1	0.0	0.0	0.0	-0.1	+0.1	+0.1	0.0	0.0	0.0	-0.1	0.0	0.0	+0.1	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	-0.1	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	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	+0.1	+0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	+0.1	+0.1	+0.1
PDF eigenvector 18	+0.1	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1	+0.1	+0.1	+0.1	0.0	+0.1	+0.1	0.0	+0.1	-0.3	-0.2	-0.1	0.0	+0.2	+0.2	+0.2	0.0
	-0.1	0.0	0.0	0.0	+0.2	+0.1	+0.1	+0.1	-0.1	-0.1	-0.1	0.0	-0.1	0.0	0.0	-0.1	+0.3	+0.2	+0.1	0.0	-0.2	-0.1	-0.2	0.0
PDF eigenvector 19	+0.1	+0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.2	+0.1	+0.1	+0.1	-0.2	+0.1	+0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.2	+0.2	+0.2	+0.2	0.0
	-0.1	-0.1	0.0	0.0	+0.1	+0.1	+0.1	+0.3	-0.2	-0.2	-0.1	+0.3	-0.2	-0.2	0.0	0.0	+0.2	+0.2	+0.3	+0.3	-0.3	-0.3	-0.3	-0.1
PDF eigenvector 20	0.0	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	-0.1	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	+0.1	-0.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	+0.1	+0.1	+0.1	+0.1	-0.1	-0.1	-0.1	0.0
PDF eigenvector 21	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	+0.1	0.0	0.0	0.0	+0.2	0.0	-0.1	0.0	+0.1	-0.2	-0.1	0.0	+0.1	+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	-0.1	0.0	+0.1	0.0	-0.1	+0.2	+0.1	-0.1	-0.2	0.0	0.0	0.0	0.0
PDF eigenvector 22	0.0	-0.1	-0.1	+0.1	-0.3	-0.2	0.0	+0.2	0.0	0.0	0.0	+0.3	+0.1	-0.1	-0.1	+0.2	-0.4	-0.3	+0.1	+0.3	+0.1	+0.1	0.0	-0.1
	0.0	+0.1	0.0	-0.1	+0.3	+0.2	0.0	-0.2	0.0	0.0	0.0	-0.2	0.0	+0.1	0.0	-0.1	+0.3	+0.2	-0.1	-0.3	-0.1	0.0	+0.1	+0.1
PDF eigenvector 23	-0.1	0.0	+0.1	-0.1	+0.3	+0.2	+0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	+0.1	-0.1	+0.5	+0.3	+0.2	-0.1	-0.2	-0.2	-0.2	-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	-0.1	0.0	0.0	-0.1	0.0	+0.1	0.0	0.0	0.0	0.0
PDF eigenvector 24	0.0	0.0	0.0	0.0	+0.1	0.0	0.0	+0.1	-0.1	-0.1	0.0	+0.2	-0.1	-0.1	-0.1	0.0	+0.1	0.0	+0.1	+0.1	-0.2	-0.1	-0.1	0.0
	-0.1	-0.1	+0.1	+0.1	-0.1	0.0	+0.1	+0.1	+0.1	0.0	-0.1	-0.1	-0.1	-0.2	+0.1	+0.1	0.0	+0.1	+0.2	+0.1	0.0	-0.1	-0.2	-0.2
PDF eigenvector 25	-0.1	-0.1	+0.1	+0.1	0.0	0.0	+0.1	+0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.2	+0.1	0.0	+0.1	+0.1	+0.2	0.0	0.0	-0.1	-0.2	-0.1
	-0.1	-0.1	-0.1	0.0	+0.1	0.0	+0.1	+0.2	-0.2	-0.2	-0.1	+0.4	-0.2	-0.2	-0.1	+0.1	+0.2	+0.1	+0.2	+0.3	-0.3	-0.2	-0.2	0.0
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	+0.1	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	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PDF eigenvector 27	+0.1	0.0	+0.2	+0.1	-0.1	-0.1	+0.1	-0.2	+0.1	+0.1	0.0	-0.3	+0.1	0.0	+0.1	+0.1	-0.1	-0.1	0.0	-0.2	+0.2	+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	+0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PDF eigenvector 28	0.0	0.0	0.0	0.0	0.0	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	-0.1	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	-0.1	0.0	0.0	+0.1	0.0	0.0	0.0	0.0
α_S	+0.1	0.0	+0.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	-0.1	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	-0.2	+0.1	0.0	+0.1	0.0
	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	+0.2	0.0	0.0	0.0	+0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	+0.2	-0.1	0.0	-0.1	0.0
m_t^{MC}	+1.8	-0.1	+0.6	-0.7	-0.8	-0.1	-0.4	-0.6	+0.2	+0.5	0.0	+0.1	+1.0	+0.2	-1.2	-1.1	-0.6	+0.3	+0.5	+0.3	+0.6	-0.1	0.0	+0.3
	+0.5	-1.9	-1.1	+0.8	+0.5	+1.0	+0.7	-0.4	-0.6	+0.1	-0.8	-0.3	-0.2	+1.2	-0.6	+0.1	-0.1	-0.1	+0.4	+0.8	+0.3	-0.7	+0.1	+0.4
$H_{r,f}$	+0.6	+0.2	+1.1	+0.5	-0.4	-0.5	0.0	-1.3	-0.1	-0.5	-0.6	-2.2	+0.9	+0.2	+1.0	+0.8	-0.4	-0.4	-0.1	-0.8	+1.6	+1.1	+1.2	+0.2
	-0.7	-0.2	-1.2	-0.6	+0.5	+0.6	+0.1	+1.4	+0.3	+0.7	+1.2	+3.5	-1.0	-0.2	-1.1	-1.0	+0.4	+0.3	-0.1	+0.5	-2.1	-1.5	-1.7	-0.5
h_{damp}	+1.3	+0.6	-1.4	-0.5	-0.9	+0.4	-0.1	-0.4	+0.1	+1.8	-0.4	+1.8	+3.8	+3.5	+0.7	-2.1	-2.6	-1.1	+0.7	-0.4	+0.7	-2.3	-1.6	+2.1
	+2.5	-2.5	-3.5	-1.6	-1.1	+1.0	+0.8	-0.2	-2.1	-0.5	-2.2	-2.7	-2.3	0.0	-0.6	-1.4	+0.2	+0.8	+3.6	+1.8	+3.3	-0.6	+2.4	+4.7
PS ISR	+0.5	-0.6	-0.9	+1.4	+0.9	+1.1	+1.3	+1.0	+1.1	+1.8	+1.0	0.0	+3.7	-2.4	+0.8	-6.2	-2.1	-1.3	+0.4	+0.8	-0.6	-2.5	+0.2	-0.7
	+0.4	-1.7	-2.4	-1.6	-0.6	+0.5	+0.1	-0.5	-1.5	-1.3	-1.7	-1.0	+1.5	+1.0	0.0	-1.7	+0.8	+0.2	+1.8	+2.3	+2.1	-0.4	+3.1	+2.5
PS FSR	-1.7	-4.5	-4.0	-2.5	-0.4	+0.5	+0.9	-0.5	-1.5	-0.9	-1.4	-0.3	+2.7	+2.6	+2.9	+1.3	+0.8	+1.4	+3.1	+1.9	+1.1	-0.1	+0.9	+1.0
	+4.4	+1.3	+1.6	+0.8	-0.5	-0.4	-0.1	-0.6	+0.7	+0.9	+0.1	-0.5	-0.9	+1.0	-0.9	-2.9	-1.0	-1.7	+0.1	-0.3	+0.2	-1.1	+0.4	+0.6
UE tune	+3.9	-1.7	-4.2	+0.2	-1.0	+1.2	+0.9	-0.5	0.0	-0.2	-0.9	-1.8	+3.7	+3.3	+2.8	-2.9	-2.0	-1.6	+1.8	+1.8	+0.7	-1.0	+0.5	+1.3
	+2.8	-0.2	-2.9	-1.0	+0.2	+0.4	+1.1	-0.4	-0.6	+1.0	-1.5	+0.5	-0.7	+1.4	-3.2	-2.5	+0.2	+0.3	+0.1	+2.4	+0.2	-0.7	+1.2	+0.9
colour reconnection	+1.3	+0.5	0.0	-0.7	-0.6	-0.8	+0.1	-0.5	+0.1	+0.3	-1.2	-0.7	+2.6	+2.0	-1.5	-2.2	-0.3	-1.0	+0.3	+1.5	+0.9	-0.9	+0.8	+2.3
	+3.0	+0.4	+1.0	+0.6	0.0	+1.7	+1.8	+0.6	+0.6	+2.1	+0.2	+0.6	+2.6	+0.6	-2.3	-3.1	-2.8	-3.0	-2.1	-0.6	+0.1	-2.6	+0.7	-0.1
	+2.8	-1.9	-1.1	0.0	+0.1	+0.5	+0.9	+0.6	-0.5	+1.7	-0.7	-0.1	+1.2	+0.6	0.0	-1.6	-2.2	-1.5	-0.3	+0.1	+0.6	-0.3	+0.8	+0.2
fragmentation $b \rightarrow B$	+1.3	+0.8	+1.3	+0.6	+0.4	+0.2	+0.4	-0.5	+0.2	-0.4	-0.3	-1.0	0.0	+0.8	+0.2	-0.3	+0.1	+0.2	+0.1	-0.8	-0.1	-0.4	-0.7	-0.7
	-0.6	-0.6	-0.7	-0.3	-0.2	0.0	0.0	+0.2	-0.1	+0.2	+0.1	+0.6	0.0	-0.5	-0.3	0.0	-0.2	-0.1	0.0	+0.4	+0.1	+0.3	+0.4	+0.4
	+0.2	+0.2	+0.2	+0.1	+0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	-0.1	+0.1	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	-0.1	-0.1	-0.1
	+1.5	+0.9	+1.2	+0.8	+0.3	+0.2	+0.3	-0.4	-0.1	-0.4	-0.5	-1.0	+1.2	+1.2	+1.0	+0.6	+0.1	+0.1	0.0	-0.5	-0.5	-0.8	-1.1	-1.0
branching ratio $B \rightarrow \mu$	-0.2	-0.2	-0.2	-0.2	+0.1	+0.1	+0.2	0.0	+0.1	0.0	+0.1	+0.1	-0.4	-0.4	-0.2	-0.1	+0.2	0.0	+0.1	0.0	0.0	0.0	+0.1	0.0
	+0.4	+0.4	+0.4	+0.2	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.2	+0.6	+0.5	+0.4	+0.2	-0.1	-0.2	-0.1	-0.1	-0.1	0.0	-0.1	-0.1