

| source / bin | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PDF eigenvector 15 | -0.1 | 0.0 | +0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | +0.1 | 0.0 | -0.1 | 0.0 |
| | 0.0 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PDF eigenvector 16 | 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 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | 0.0 |
| PDF eigenvector 17 | -0.1 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | 0.0 |
| | +0.1 | +0.1 | -0.2 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | -0.1 | +0.1 | +0.1 | 0.0 |
| PDF eigenvector 18 | +0.3 | 0.0 | -0.2 | +0.1 | -0.1 | 0.0 | 0.0 | +0.1 | -0.1 | 0.0 | +0.1 | +0.1 |
| | -0.3 | 0.0 | +0.2 | -0.1 | 0.0 | 0.0 | 0.0 | -0.1 | +0.1 | 0.0 | -0.1 | -0.1 |
| PDF eigenvector 19 | +0.2 | 0.0 | -0.2 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | +0.1 | +0.2 | 0.0 |
| | -0.3 | -0.1 | +0.3 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | +0.1 | -0.2 | -0.2 | 0.0 |
| PDF eigenvector 20 | +0.1 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | +0.1 | +0.2 | 0.0 |
| | -0.1 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | 0.0 |
| PDF eigenvector 21 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | +0.1 |
| | 0.0 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 |
| PDF eigenvector 22 | +0.3 | 0.0 | -0.5 | 0.0 | 0.0 | -0.1 | -0.1 | +0.2 | -0.1 | 0.0 | 0.0 | +0.2 |
| | -0.2 | +0.1 | +0.3 | 0.0 | 0.0 | +0.1 | +0.1 | -0.1 | 0.0 | 0.0 | +0.1 | -0.2 |
| PDF eigenvector 23 | -0.4 | 0.0 | +0.5 | -0.1 | 0.0 | +0.1 | 0.0 | -0.2 | +0.1 | -0.1 | -0.2 | -0.2 |
| | +0.1 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| PDF eigenvector 24 | -0.1 | 0.0 | +0.2 | 0.0 | 0.0 | 0.0 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -0.2 | -0.1 | +0.1 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 | +0.1 | -0.1 | -0.2 | +0.1 |
| PDF eigenvector 25 | -0.2 | -0.1 | +0.2 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 | +0.1 | -0.1 | -0.2 | 0.0 |
| | -0.2 | -0.1 | +0.3 | 0.0 | 0.0 | 0.0 | 0.0 | +0.1 | +0.1 | -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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PDF eigenvector 27 | +0.4 | -0.1 | 0.0 | +0.1 | -0.2 | 0.0 | -0.1 | +0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | -0.2 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PDF eigenvector 28 | 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 | +0.1 | -0.2 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | +0.1 | 0.0 |
| α_S | +0.2 | -0.1 | +0.1 | +0.1 | -0.2 | 0.0 | 0.0 | +0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -0.2 | +0.1 | -0.1 | -0.1 | +0.2 | 0.0 | 0.0 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| m_t^{MC} | -2.1 | -1.8 | -1.0 | -0.1 | +0.8 | -1.0 | +2.7 | +2.3 | +0.3 | +2.5 | +2.3 | +1.7 |
| | +1.0 | +1.8 | +1.3 | -1.1 | -0.1 | +1.3 | -2.3 | -1.8 | -0.3 | -2.5 | -2.9 | -1.8 |
| $\mu_{r,f}$ | +1.7 | -0.9 | +1.1 | +0.3 | -1.1 | 0.0 | -0.6 | +0.8 | +0.1 | -0.1 | -1.0 | -0.2 |
| | -1.9 | +0.9 | -1.2 | -0.2 | +1.1 | 0.0 | +1.0 | -0.9 | -0.1 | +0.1 | +1.4 | +0.2 |
| h_{damp} | -2.0 | -0.2 | +2.3 | -1.4 | +0.6 | -0.3 | -1.9 | +1.4 | +0.3 | +2.6 | -0.8 | -0.1 |
| | -1.4 | -0.9 | -1.0 | -0.9 | +1.5 | +0.4 | -2.5 | +1.5 | +0.3 | -0.1 | -0.3 | 0.0 |
| PS ISR | +2.1 | -0.4 | -1.7 | -1.9 | +0.5 | -0.3 | +0.3 | +2.3 | +0.1 | -0.9 | -0.9 | -0.1 |
| | -1.1 | +0.5 | +0.1 | -1.9 | +0.8 | -0.4 | +0.1 | +1.3 | +0.2 | +0.9 | -1.2 | +0.1 |
| PS FSR | -1.9 | -0.2 | +1.1 | -0.1 | +0.9 | +0.8 | -1.8 | -0.3 | +0.2 | -1.0 | -2.1 | -0.8 |
| | +0.9 | +0.4 | -0.5 | -1.8 | 0.0 | -0.7 | +0.9 | +0.8 | +0.2 | +1.6 | +1.2 | +0.4 |
| UE tune | -1.6 | -0.5 | +1.3 | -1.3 | +0.8 | +0.4 | -2.5 | -0.3 | +0.4 | +1.1 | 0.0 | -0.2 |
| | -0.7 | -0.9 | -0.1 | -0.6 | +0.9 | +0.3 | -0.4 | +1.1 | +0.3 | -0.1 | -0.1 | -0.5 |
| colour reconnection | -1.4 | -0.4 | +0.5 | -0.5 | +0.4 | 0.0 | -0.1 | +1.0 | +0.3 | +0.7 | +0.5 | 0.0 |
| | -1.9 | +0.1 | +1.3 | -2.0 | +1.2 | 0.0 | +0.3 | +0.6 | -0.3 | -1.2 | +0.8 | +0.4 |
| | -0.7 | +0.1 | 0.0 | -0.3 | +0.5 | -0.5 | 0.0 | +0.1 | +0.2 | -0.5 | -0.1 | +0.5 |
| fragmentation $b \rightarrow B$ | 0.0 | -0.3 | +2.5 | 0.0 | -0.9 | +0.4 | +0.1 | -0.6 | 0.0 | +1.6 | +0.5 | -0.7 |
| | +0.1 | +0.1 | -1.3 | 0.0 | +0.4 | -0.2 | 0.0 | +0.3 | 0.0 | -0.6 | -0.1 | +0.4 |
| | 0.0 | -0.1 | +0.5 | 0.0 | -0.2 | +0.1 | 0.0 | -0.1 | 0.0 | +0.3 | +0.1 | -0.1 |
| | +0.6 | +0.2 | +2.2 | -0.2 | -0.7 | +0.1 | 0.0 | -0.5 | -0.2 | +1.5 | +0.4 | -0.7 |
| branching ratio $B \rightarrow \mu$ | 0.0 | -0.1 | -0.2 | +0.1 | +0.1 | +0.1 | +0.1 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
| | +0.1 | +0.2 | +0.3 | -0.2 | -0.1 | -0.1 | 0.0 | -0.1 | -0.1 | +0.2 | +0.2 | 0.0 |