

| Sep. Rank | Separation | Variable                 | Imp. Rank | Importance |
|-----------|------------|--------------------------|-----------|------------|
| 1         | 0.571500   | $\Delta R$               | 2         | 0.10870    |
| 2         | 0.558900   | $ \alpha_{2D} $          | 1         | 0.11380    |
| 3         | 0.438600   | $\log(\chi^2_{\mu,xPV})$ | 4         | 0.08645    |
| 4         | 0.409500   | nCloseTracks ACK (OOO)   | 9         | 0.05496    |
| 5         | 0.395600   | $d^0_{min,sig}$          | 15        | 0.03448    |
| 6         | 0.385400   | DOCA ACK (OOO)           | 13        | 0.04462    |
| 7         | 0.370400   | $L_{xy}$                 | 14        | 0.04313    |
| 8         | 0.352400   | B Iso ACH (OOO)          | 3         | 0.09531    |
| 9         | 0.299600   | $\log(\chi^2_{xy})$      | 5         | 0.08016    |
| 10        | 0.169800   | $d^0_{max,sig}$          | 11        | 0.04834    |
| 11        | 0.138900   | $ IP_B^{3D} $            | 10        | 0.04844    |
| 12        | 0.067970   | $DOCA_{\mu\mu}$          | 8         | 0.05790    |
| 13        | 0.008564   | $P_L^{min}$              | 12        | 0.04463    |
| 14        | 0.005495   | $ \Delta\phi_{\mu\mu} $  | 6         | 0.07086    |
| 15        | 0.004873   | $p_T^B$                  | 7         | 0.06823    |