| Sep. Rank | Sep. Rank Separation Variable | Variable | Imp. Rank | Imp. Rank Importance |
|-----------|-------------------------------|-----------------------------|-----------|----------------------|
| 1 | 0.590700 | ΔR | 1 | 0.12000 |
| 2 | 0.572700 | $ lpha_{2D} $ | 2 | 0.10250 |
| 3 | 0.439700 | $log(\chi^2_{\mu,xPV})$ | 4 | 0.08104 |
| 4 | 0.420900 | nCloseTracks ACK (OOO) | 6 | 0.05164 |
| 5 | 0.397200 | DOCA ACK (000) | 13 | 0.04162 |
| 9 | 0.395700 | B Iso BDI (PVP) As in Run 1 | 3 | 0.09406 |
| 7 | 0.391400 | $d_{min.sig}^0$ | 16 | 0.03477 |
| ~ | 0.378200 | L_{xy} | 11 | 0.04547 |
| 6 | 0.304000 | $ln(\chi^2_{xy})$ | 2 | 0.07796 |
| 10 | 0.171000 | $d_{max.sia}^0$ | 14 | 0.04018 |
| 11 | 0.145000 | $ IP_B^{3D} $ | 10 | 0.04613 |
| 12 | 0.074370 | $DOCA_{\mu\mu}$ | ∞ | 0.05429 |
| 13 | 0.024160 | p_T^B | 7 | 0.06309 |
| 14 | 0.023590 | P_L^{min} | 15 | 0.03864 |
| 15 | 0.013130 | $ \Delta\phi_{\mu\mu} $ | 9 | 0.06548 |
| 16 | 0.000155 | $PRIVX\mu$ | 12 | 0.04315 |