

Heatmap showing the correlation matrix for 14 variables. The color scale ranges from -0.5 (dark purple) to 0.5 (dark red), with white representing 0. The diagonal elements are all 1.0. The matrix is symmetric. Notable correlations include a strong positive correlation between  $z_0 \sin \theta$  and  $d_0$ , and a strong negative correlation between  $\Delta R$  and  $p_T^{frac}$ .



1 2 3 4 5 6 7 8  
Track sorted by  $s_{d0}$