

Observable	Definition	Bin boundaries
$\cos \theta^*$	Cosine of the decay angle of the leading lepton pair in the 4ℓ rest frame	[-1.0,-0.75,-0.50,-0.25,0.0,0.25,0.50,0.75,1.0]
$\cos \theta_1, \cos \theta_2$	Cosine of the production angle, relative to the Z vector, of the antileptons from the two Z bosons	[-1.0,-0.75,-0.50,-0.25,0.0,0.25,0.50,0.75,1.0]
Φ, Φ_1	Azimuthal angles between the decay planes	$[-\pi, -3\pi/4, -\pi/2, -\pi/4, 0, \pi/4, \pi/2, 3\pi/4, \pi]$
m_{Z_1}	Invariant mass of the two leading leptons	[40,65,75,85,92,120] GeV
m_{Z_2}	Invariant mass of the two subleading leptons	[12,20,25,28,32,40,50,65] GeV
$\mathcal{D}_{0^-}^{\text{dec}}$	Matrix element discriminant targeting a_3 coupling	[0.0,0.4,0.5,0.6,0.7,0.8,0.9,1.0]
$\mathcal{D}_{0\text{h}^+}^{\text{dec}}$	Matrix element discriminant targeting a_2 coupling	[0.0,0.35,0.4,0.45,0.55,0.65,0.75,1.0]
$\mathcal{D}_{\Lambda 1}^{\text{dec}}$	Matrix element discriminant targeting k_1 coupling	[0.0,0.45,0.5,0.6,0.7,1.0]
$\mathcal{D}_{\Lambda 1}^{\text{Z}\gamma,\text{dec}}$	Matrix element discriminant targeting $k_2^{\text{Z}\gamma}$ coupling	[0.0,0.35,0.45,0.5,0.55,0.65,1.0]
$\mathcal{D}_{\text{CP}}^{\text{dec}}$	Interference matrix element discriminant targeting a_3 coupling	[-0.75,-0.25,-0.1,0.0,0.1,0.25,0.75]
$\mathcal{D}_{\text{int}}^{\text{dec}}$	Interference matrix element discriminant targeting a_2 coupling	[0.0,0.7,0.8,0.9,0.95,1.0]