Variable	SS π selection	BDT	SS p selection	BDT
$\chi^2_{\text{track}}/\text{ndf}$	< 3	✓	< 3	-
$p_{\text{T}}^{\text{track}}$ [GeV/c]	> 0.4	✓	> 0.4	✓
p^{track} [GeV/c]	-	✓	-	✓
$\text{IP}/\sigma_{\text{IP}}$	< 4	✓	< 4	✓
$\text{IP}_{\text{PU}}/\sigma_{\text{IP}_{\text{PU}}}$	> 3	-	-	-
$\log L_p - \log L_\pi$	< 5	-	> 5	✓
$\log L_K - \log L_\pi$	< 5	✓	-	-
$p_{\text{T}}^{B^0}$ [GeV/c]	-	✓	-	-
$p_{\text{T}}^{\text{tot}}$ [GeV/c]	> 3	✓	> 3	✓
$\chi^2_{B^0-\text{track}}$	< 100	-	< 100	-
ΔQ [GeV/c^2]	< 1.2	✓	< 1.3	✓
$\Delta\eta$	< 1.2	✓	< 1.2	✓
$\Delta\phi$ [rad]	< 1.1	✓	< 1.2	-
ΔR	-	✓	-	✓
PV_{tracks}	-	✓	-	✓