

kinematic region			$3 < E_T[\text{Gev}] < 7$			$7 < E_T[\text{Gev}] < 10$			$10 < E_T[\text{Gev}] < 15$		
Det. Region	Method	Type	$P_D[\%]$	$SP[\%]$	$P_F[\%]$	$P_D[\%]$	$SP[\%]$	$P_F[\%]$	$P_D[\%]$	$SP[\%]$	$P_F[\%]$
$0.00 < \eta < 0.80$	<i>CutBased</i>	Reference	86.10	82.31	21.38	91.96	85.45	20.82	95.54	87.82	19.57
	$NN_{v9_{nohad}}(data17 + 18)$	Cross Validation	86.08 ± 0.04	90.64 ± 0.03	4.69 ± 0.04	91.95 ± 0.02	92.87 ± 0.03	6.21 ± 0.06	95.54 ± 0.01	93.31 ± 0.02	8.88 ± 0.05
	$NN_{v9}(data17 + 18)$	Cross Validation	86.09 ± 0.05	91.00 ± 0.02	3.94 ± 0.02	91.95 ± 0.02	93.60 ± 0.02	4.73 ± 0.03	95.53 ± 0.01	94.66 ± 0.03	6.20 ± 0.06
$0.80 < \eta < 1.37$	<i>CutBased</i>	Reference	87.09	66.35	51.54	92.64	68.49	51.98	96.00	75.46	42.59
	$NN_{v9_{nohad}}(data17 + 18)$	Cross Validation	87.09 ± 0.04	90.71 ± 0.04	5.59 ± 0.08	92.63 ± 0.03	92.32 ± 0.03	7.98 ± 0.05	95.99 ± 0.02	92.54 ± 0.10	10.84 ± 0.20
	$NN_{v9}(data17 + 18)$	Cross Validation	87.07 ± 0.04	90.91 ± 0.03	5.16 ± 0.03	92.63 ± 0.02	92.79 ± 0.03	7.05 ± 0.06	95.98 ± 0.02	93.36 ± 0.12	9.23 ± 0.25
$1.37 < \eta < 1.54$	<i>CutBased</i>	Reference	81.74	62.49	54.15	87.54	66.75	51.20	92.06	70.20	48.69
	$NN_{v9_{nohad}}(data17 + 18)$	Cross Validation	81.74 ± 0.00	85.64 ± 0.12	10.37 ± 0.24	87.54 ± 0.00	87.45 ± 0.27	12.63 ± 0.54	92.06 ± 0.00	89.85 ± 0.52	12.33 ± 1.03
	$NN_{v9}(data17 + 18)$	Cross Validation	81.74 ± 0.00	86.04 ± 0.09	9.55 ± 0.19	87.54 ± 0.00	88.18 ± 0.19	11.18 ± 0.38	92.06 ± 0.00	91.65 ± 0.16	8.77 ± 0.32
$1.54 < \eta < 2.37$	<i>CutBased</i>	Reference	79.00	75.18	28.56	86.94	80.70	25.31	92.08	84.25	23.24
	$NN_{v9_{nohad}}(data17 + 18)$	Cross Validation	78.98 ± 0.06	85.86 ± 0.03	6.98 ± 0.08	86.95 ± 0.05	89.72 ± 0.04	7.47 ± 0.08	92.06 ± 0.05	91.57 ± 0.09	8.91 ± 0.18
	$NN_{v9}(data17 + 18)$	Cross Validation	79.00 ± 0.08	86.17 ± 0.04	6.33 ± 0.03	86.96 ± 0.05	90.23 ± 0.04	6.44 ± 0.06	92.06 ± 0.04	92.26 ± 0.06	7.54 ± 0.14
$2.37 < \eta < 2.50$	<i>CutBased</i>	Reference	84.62	66.89	48.74	90.41	69.76	48.20	90.97	67.50	52.43
	$NN_{v9_{nohad}}(data17 + 18)$	Cross Validation	84.62 ± 0.00	85.58 ± 0.17	13.44 ± 0.34	90.41 ± 0.00	87.25 ± 0.25	15.85 ± 0.50	90.97 ± 0.00	83.71 ± 1.24	23.23 ± 2.36
	$NN_{v9}(data17 + 18)$	Cross Validation	84.62 ± 0.00	86.15 ± 0.19	12.29 ± 0.39	90.41 ± 0.00	88.22 ± 0.20	13.95 ± 0.40	90.97 ± 0.00	85.38 ± 1.02	20.02 ± 1.96