

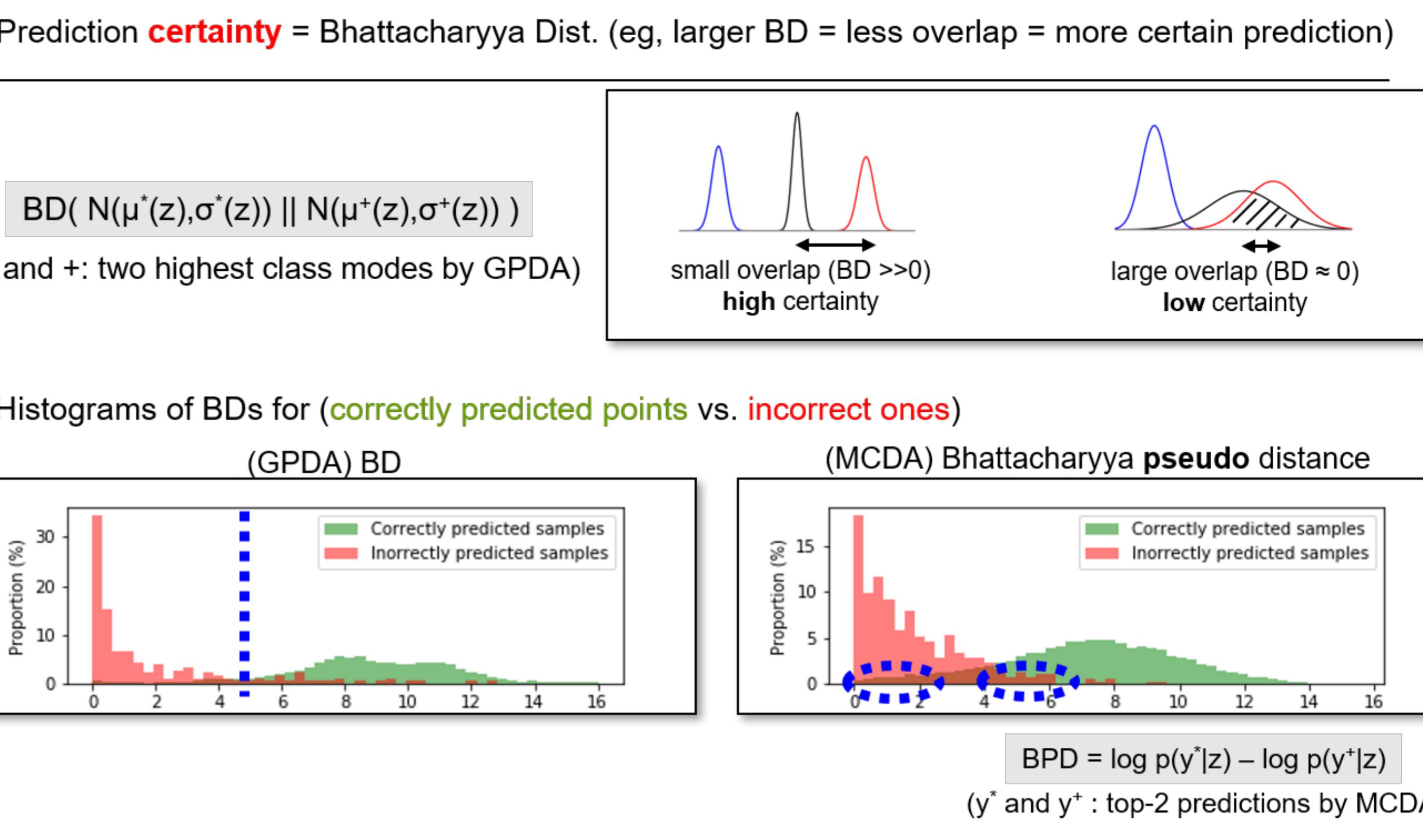
Dataset

Statistics of the datasets

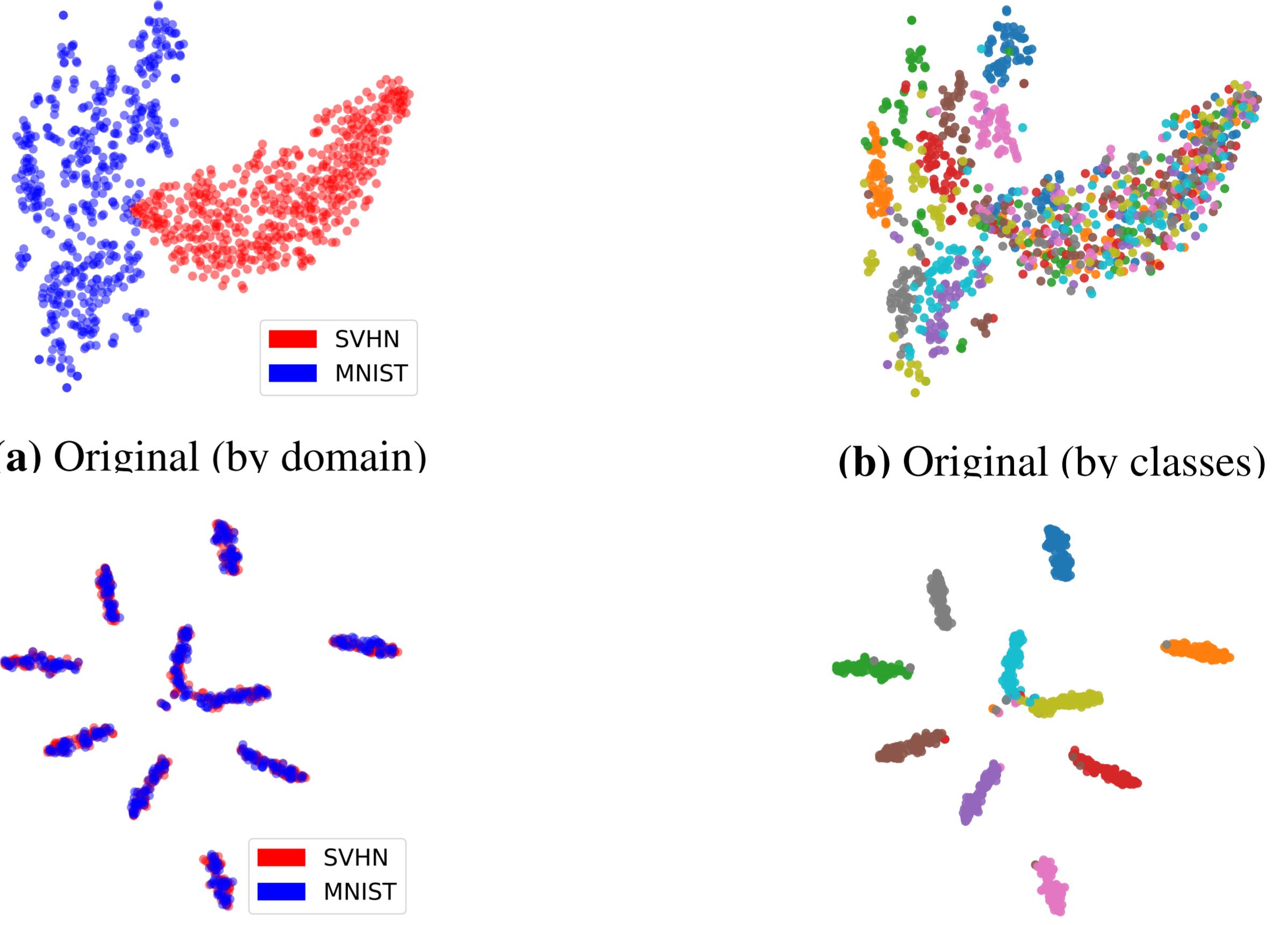
Dataset	Images	classes	Domains	Description
Digit	140,000	10	4	mnist, svhn, usps
Traffic Signs	150,000	43	2	Synthetic and German Traffic Signs
Visda	280,000	12	2	Synthetic and Real Images



BD Distance



t-SNE Visualization

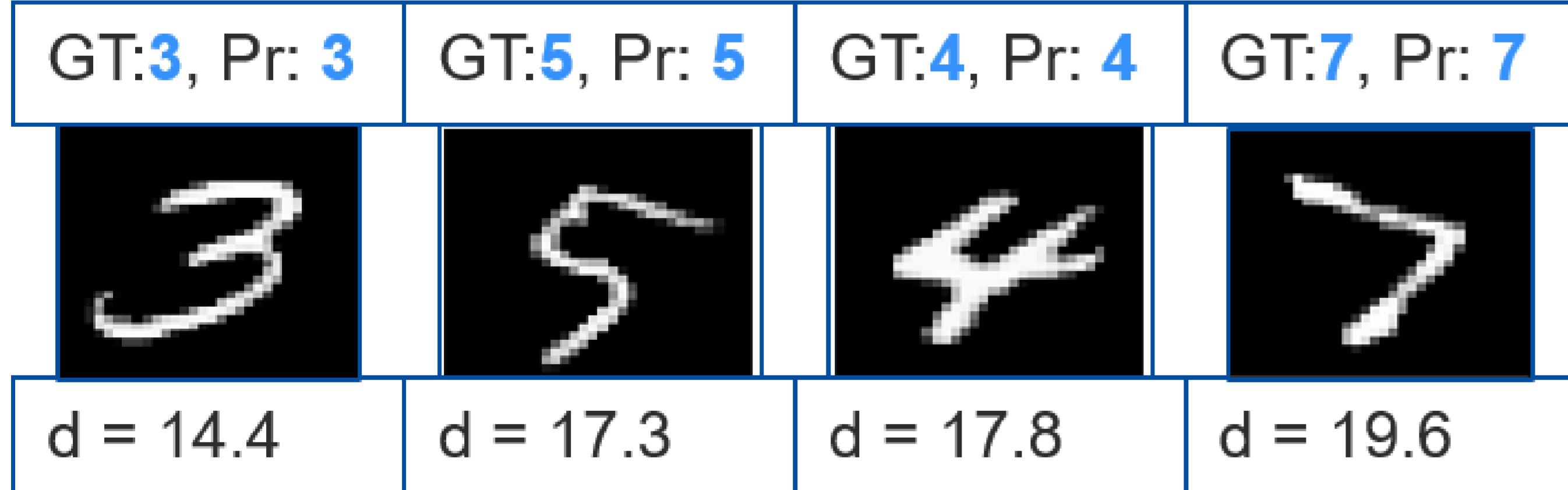


VisDA

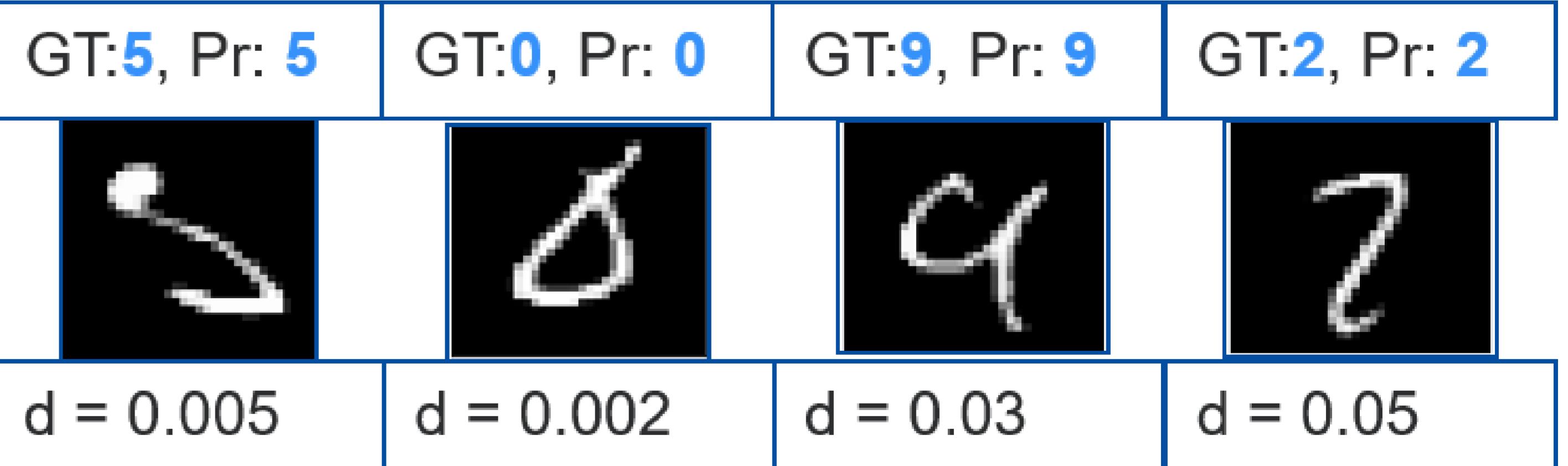
METHOD	SVHN to MNIST	SYNSIG to GTSRB	MNIST to USPS	MNIST* to USPS*	USPS to MNIST
Source Only	67.1	85.1	76.7	79.4	63.4
MMD † [34]	71.1	91.1	-	81.1	-
DANN † [16]	71.1	88.7	77.1 ^{1.8}	85.1	73.0 ^{0.2}
DSN † [9]	82.7	93.1	91.3	-	-
ADDA [60]	76.0 ^{1.8}	-	89.4 ^{0.2}	-	90.1 ^{0.8}
MCDA ($n = 2$)	94.2 ^{2.6}	93.5 ^{0.4}	92.1 ^{0.8}	93.1 ^{1.9}	90.0 ^{1.4}
MCDA ($n = 3$)	95.9 ^{0.5}	94.0 ^{0.4}	93.8 ^{0.8}	95.6 ^{0.9}	91.8 ^{0.9}
MCDA ($n = 4$)	96.2 ^{0.4}	94.4 ^{0.3}	94.2 ^{0.7}	96.5 ^{0.3}	94.1 ^{0.3}
GPDA	98.2^{0.1}	96.19^{0.2}	96.45^{0.15}	98.11^{0.1}	96.37^{0.1}

Uncertainty vs. Quality of Prediction

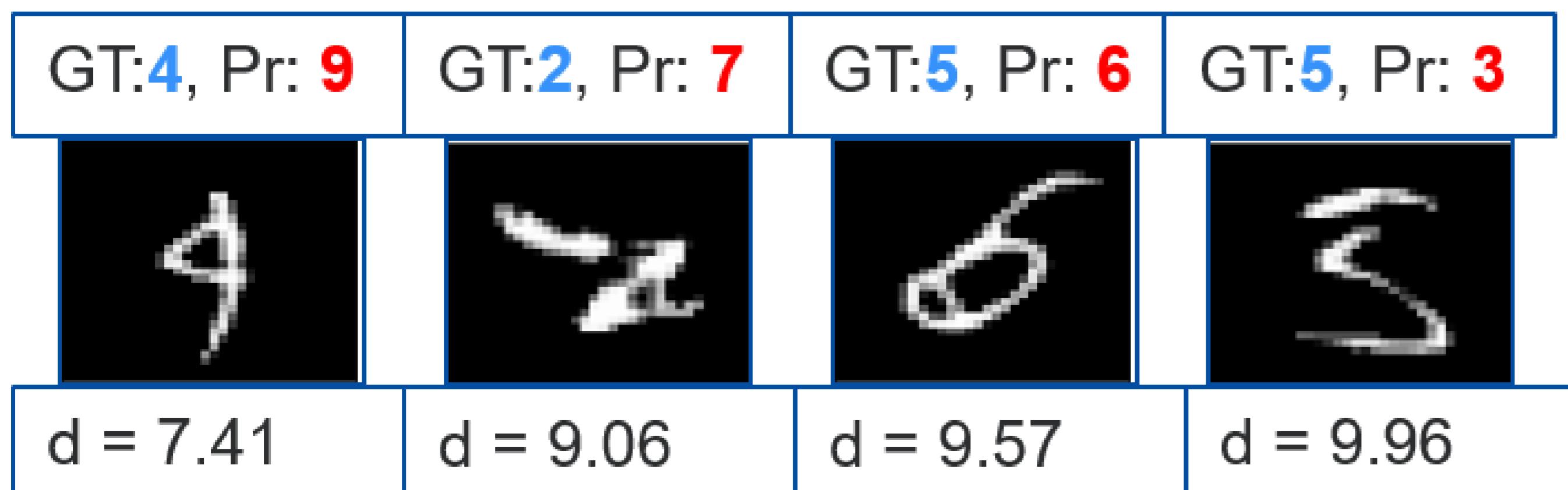
Correctly classified & High certainty



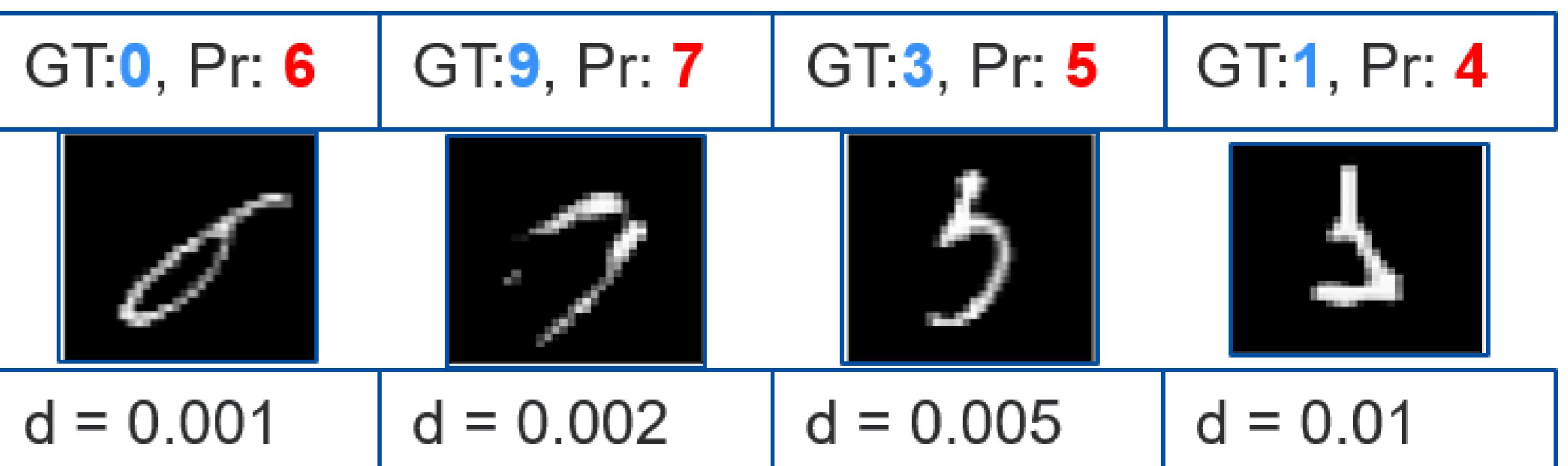
Correctly classified & Low certainty



Incorrectly classified & High certainty



Incorrectly classified & Low certainty



GT = Ground-truth class label,

Pr = Predicted class label, d = BD