GLOSSARY OF TERMS

Acc	*Accuracy*
AdaBoost	*Adaptive Boosting*
AI	*Artificial Intelligence*
APs	*Access Points*
ATO	*Automatic Train Operation*
ATP	*Automatic Train Protection*
ATS	*Automatic Train Supervision*
CBI	*Computer-based Interlocking*
CBTC	*Communications Based Train Control*
CART	*Classification and Regression Trees*
CIA	*Confidentiality, Integrity, Availability*
CNN	*Convolutional Neural Network*
DBSCAN	*Density-Based Spatial Clustering of Applications with Noise*
DCS	*Data Communication System*
Eclat	*Equivalence Class Clustering and Bottom-Up Lattice Traversal*
FP	*False Positive*
FN	*False Negative*
GSM-R	*Global System for Mobile Communications - Railway*
ICT	*Information and Communication Technology*
ICSs	*Industrial Control Systems*
IDS	*Intrusion Detection System*
ID3	*Iterative Dichotomiser 3*
ITS	*Intelligent Transport Systems*
IoT	*Internet of Things*
Fit	*Just-Right-Fit*
LASSO	*Least Absolute Shrinkage and Selection Operator*
LDA	*Linear Discriminant Analysis*
LMA	*Limits of Movement Authority*

LTE-R	*Long Term Evolution - Railway*
LVQ	*Learning Vector Quantization*
LightGBM	*Light Gradient Boosting Machine*
MDS	*Misbehavior Detection Systems*
ML	*Machine Learning*
MitM	*Man-in-the-Middle*
OCC	*Operation Control Center*
PCA	*Principal Component Analysis*
Pre	*Precision*
Rec	*Recall*
RBFN	*Radial Basis Function Network*
RF	*Random Forest*
SMOTE	*Synthetic Minority Over-sampling Technique*
SOM	*Self-Organizing Map*
SVM	*Support Vector Machine*
TP	*True Positive*
TN	*True Negative*
TSMSet	*Trian Status Message Dataset*
T2G	*Train-to-Ground Communication*
T2T	*Train-to-Train Communication*
VOBC	*Vehicle On-Board Controller/Computer*
V2I	*Vehicle-to-Infrastructure Communication*
V2V	*Vehicle-to-Vehicle Communication*
XGBoost	*Extreme Gradient Boosting*
WiFi	*Wireless Fidelity*
WOMSet	*Wayside Operational Message Dataset*
WSU	*Wayside Unit*
W2T	*Wayside-to-Train*
kNN	*k-Nearest Neighbours*